

# Food Safety and Environmental Stewardship Program 1007 Agricultural and Life Sciences Building

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# Certificate of Analysis

Client Report For: MyExposome

5060 SW Philomath Blvd. #501

Corvallis, OR 97333

**USA** 

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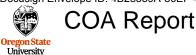
**Project Name:** MyExposome PO 259

**Project Number:** F24-22

Report Date: October 10 2024
Analysis Approval Date October 10 2024

Sample Received Date See each sample page for date sample received

DocuSigned by: Ealey I dams 61612EADCB3D40A	10/14/2024   16:29:39 PDT
Docusigned by:	10/14/2024   18:03:53 PDT
QC Review	Date
Docusigned by:  King A. Andrea  Zanda (75 FA 1045 1.	10/14/2024   19:35:18 PDT
FSES Director Approval: Kim A. Anderson	Date
Docusigned by:  Mary Epstein  DARGHAPERSPERS	10/15/2024   07:17:45 PDT
Received By	Date



Project#: F24-22:

ME

MyExposome PO

259



#### Methodology:

SOP 428.02: Many Analyte Screen by Gas Chromatography-Mass Spectrometry and deconvolution software

#### **Unit Conversions:**

ppb = parts per billion ppm = parts per million ppt = parts per trillion ng/g = ppb ng/L = ppt ng/mL = ppb ng/µL = ppm pg/µL = ppb µg/mL = ppm

#### **Abbreviations:**

J flag: Indicates lower precision in quantitation due to values near limits of detection or matrix effects.

B flag: The sample was background corrected.

N/A Y flag: Indicates a chemical is present but unable to quantify due to matrix interference.

< 123.45 U: Detection limit, indicates value was below limit of detection.

#### **COA Notes:**

A total of 142 samples were submitted by the client and all samples arrived in good condition. A total of 142 samples were analyzed. Sample A241227 had no analytes detected post background subtraction. \_\_ns

#### QC summary:

Continuing calibration verification (CV) analyses were performed at the start and end of every analytical batch. A total of 31 CVs were analyzed. All 31 CV's met FSES data quality objectives of >70% compound detection frequency, retention time standard with DQO window, and >60% of compounds detected within 2.5X of true concentration.

During the analysis of samples for this project, a total of 52 instrument blanks (IBs) were analyzed. In all cases, IBs met FSES DQOs for all target analytes. All target analytes are below the method limits of quantitation.

To demonstrate instrument precision, three duplicate analyses were performed during the project. Across all detected analytes, there was a median relative percent difference (RPD%) of 9.5%-18% for all three duplicate samples.

To assess instrument accuracy, three sample over-spike analyses were performed where a sample was spiked at 2 PPM with target compounds prior to additional clean-up. Across detected analytes, there was an average percent recovery of 94%-143% for all three matrix spike samples.

Two post deployment cleaning blanks, two reagent blanks and three SPE blanks were prepared and run with this project. Dinbutyl phthalate, bis(2-ethylhexyl)phthalate, and 2,4-di-tert-butylphenol were detected in some QC blanks. The highest content present in any blank analyzed for this project was background subtracted from all samples.



**COA Report** 



Client Sample Name:	25-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241132		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	78 J	Benzothiazole, 95-1	6-9	87 J



### **COA Report**



Client Sample Name:	25-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241133		Date Received:	08/12/24	
Client location:				Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	200	Di-n-butyl phthalate	e, 84-74-2	1900 B
2,4-di-tert-butylphenol, 9	6-76-4	340 B	Di-n-hexyl phthalate	e, 84-75-3	1800
anthracene, 120-12-7		16 J	Diethyl phthalate, 8	4-66-2	740
Benzophenone, 119-61-9	9	940	Diisobutyl phthalate	e, 84-69-5	850
benzyl salicylate, 118-58	-1	1100	Ethylene brassylate	e (Musk NN), 105-95-3	870
Bis(2-ethylhexyl)phthalat	e, 117-81-7	110 JB	TCPP, 26248-87-3		200 J



# COA Report



Client Sample Name:	31-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241134		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	-12-0	16 J	Butyl benzyl phthal	ate, 85-68-7	1500
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	44 J	Caffeine, 58-08-2		2000
2,4-di-tert-butylphenol, 96	6-76-4	310 B	Di-n-butyl phthalate	e, 84-74-2	3600 B
Benzophenone, 119-61-9	)	300	Diethyl phthalate, 8	4-66-2	1100
Benzothiazole, 95-16-9		230	Diisobutyl phthalate	e, 84-69-5	690
Benzyl benzoate, 120-51	-4	620	Galaxolide, 1222-0	5-5	280
benzyl salicylate, 118-58-	-1	1100	TCPP, 26248-87-3		240 J
Bis(2-ethylhexyl)phthalate	e, 117-81-7	92000 B	TPP, 115-86-6		140 J



### **COA Report**



7,500					
Client Sample Name:	31-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241135		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	13 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	170 B
2,4-di-tert-butylphenol, 96	6-76-4	320 B	Di-n-butyl phthalate	, 84-74-2	290 B
Benzophenone, 119-61-9	9	71 J	Diethyl phthalate, 8	4-66-2	120



### COA Report



Client Sample Name: 45-N		Test Method: MASV15 -1530 analyte me	ethod
FSES Sample ID: A241136		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device	- Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	8 J	Di-n-butyl phthalate, 84-74-2	630 B
2,4-di-tert-butylphenol, 96-76-4	490 B	Diethyl phthalate, 84-66-2	92 J
Benzophenone, 119-61-9	130	Diisobutyl phthalate, 84-69-5	180
Benzyl benzoate, 120-51-4	75 J	Ethylene brassylate (Musk NN), 105-95-3	300 J
Bis(2-ethylhexyl)phthalate, 117-81-7	420 B		



### COA Report



Client Sample Name:	45-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241137		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	590 B	Di-n-butyl phthalate	, 84-74-2	2000 B
4-tert-butylphenol, 98-54	-4	280	Diethyl phthalate, 8	4-66-2	260
anthracene, 120-12-7		65	Ethylene brassylate	(Musk NN), 105-95-3	550
Benzophenone, 119-61-9	)	200	fluorene, 86-73-7		22 J
Benzothiazole, 95-16-9		180	Galaxolide, 1222-05	5-5	480
Benzyl benzoate, 120-51	-4	550	Promecarb, 2631-3	7-0	< 150 U
Bis(2-ethylhexyl)phthalat	e, 117-81-7	17000 B	TPP, 115-86-6		150 J



### COA Report



Client Sample Name: 82-N	: 82-N		MASV15 -1530 analyte method	
FSES Sample ID: A241138		Date Received:	08/12/24	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	16 J	Butyl benzyl phthala	ate, 85-68-7	1500
2,4-bis(alpha,alpha-dimethylbenzyl)phenol, 2772-45-4	44 J	Caffeine, 58-08-2		2000
2,4-di-tert-butylphenol, 96-76-4	2,4-di-tert-butylphenol, 96-76-4 310 B		Di-n-butyl phthalate, 84-74-2	
Benzophenone, 119-61-9	300	Diethyl phthalate, 84	4-66-2	1100
Benzothiazole, 95-16-9	230	Diisobutyl phthalate	, 84-69-5	690
Benzyl benzoate, 120-51-4	620	Galaxolide, 1222-05-5		280
benzyl salicylate, 118-58-1	1100	TCPP, 26248-87-3		240 J
Bis(2-ethylhexyl)phthalate, 117-81-7	92000 B	TPP, 115-86-6		140 J



# COA Report



Client Sample Name:	82-WB		Test Method: MASV15 -1530 analyte method	
FSES Sample ID:	A241139		Date Received: 08/12/24	
Client location:			Matrix: Passive Sampling Device -	Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90-	-12-0	20 J	Caffeine, 58-08-2	6100
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	43 J	Citral A, 5392-40-5	49 J
2,4-di-tert-butylphenol, 96	6-76-4	460 B	Di-n-butyl phthalate, 84-74-2	740 B
anthracene, 120-12-7		61	Diethyl phthalate, 84-66-2	650
Benzophenone, 119-61-9	)	180	Diisobutyl phthalate, 84-69-5	3000
Benzothiazole, 95-16-9		270	Ethylene brassylate (Musk NN), 105-95-3	6900
Benzyl benzoate, 120-51	-4	540	fluorene, 86-73-7	10 J
benzyl salicylate, 118-58-	-1	300	Galaxolide, 1222-05-5	110
Bis(2-ethylhexyl)phthalate	e, 117-81-7	44000 B	Tonalide, 1506-02-1, 21145-77-7	3 J
Butyl benzyl phthalate, 85	5-68-7	1200		



#### **COA Report**



Client Sample Name: 67-WB	67-WB		MASV15 -1530 analyte method	
FSES Sample ID: A241140	A241140		08/12/24	
Client location:			Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	18 J	cinnamal, 104-55-2		140 J
2,4-di-tert-butylphenol, 96-76-4	780 B	Coumarin, 91-64-5		820
b-lonone, 79-77-6	330	Di-n-butyl phthalate, 84-74-2		3000 B
Benzophenone, 119-61-9	980	Diethyl phthalate, 8	4-66-2	20000
Benzyl benzoate, 120-51-4	21000	Diisobutyl phthalate	e, 84-69-5	8900
benzyl salicylate, 118-58-1	4500	Galaxolide, 1222-0	5-5	5100
Bis(2-ethylhexyl)phthalate, 117-81-7	53000 B	N,N-Diethyl-m-tolua	amide, 134-62-3	6600
Caffeine, 58-08-2	720	TCPP, 26248-87-3		590
Cashmeran, 33704-61-9	230	Tonalide, 1506-02-	1, 21145-77-7	410



# COA Report



Client Sample Name: 67-N	: 67-N		MASV15 -1530 analyte method	
FSES Sample ID: A241141	A241141		08/12/24	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	13 J	Bis(2-ethylhexyl)phi	thalate, 117-81-7	350 B
2,4-bis(alpha,alpha-dimethylbenzyl)phenol, 2772-4	15-4 38 J	Di-n-butyl phthalate	, 84-74-2	330 B
2,4-di-tert-butylphenol, 96-76-4	250 B	Diethyl phthalate, 8	4-66-2	3300
4-Methylphenol, 106-44-5	300	Diisobutyl phthalate	e, 84-69-5	880
Benzophenone, 119-61-9	170	Galaxolide, 1222-05	5-5	340
Benzothiazole, 95-16-9	230	N,N-Diethyl-m-tolua	amide, 134-62-3	750
Benzyl benzoate, 120-51-4	2600	Tonalide, 1506-02-	1, 21145-77-7	8 J
benzyl salicylate, 118-58-1	130			



COA Report



Client Sample Name:	62-WB		Test Method:	Test Method: MASV15 -1530 analyte method	
FSES Sample ID:	A241142		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name	nemical Name Concentration (ng/Wristband)		Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96-	-76-4	530 B	Ethylene brassylate	e (Musk NN), 105-95-3	8700
Benzophenone, 119-61-9		320	Galaxolide, 1222-0	5-5	4600
Benzothiazole, 95-16-9		380	lyral, 31906-04-4		< 450 U
Benzyl benzoate, 120-51-	4	370	N,N-Diethyl-m-tolua	amide, 134-62-3	1100
benzyl salicylate, 118-58-7	1	2400	Permethrin, 52645-	53-1	230
Bis(2-ethylhexyl)phthalate	, 117-81-7	30000 B	Piperonyl butoxide,	51-03-6	290
Butyl benzyl phthalate, 85	-68-7	320	TCPP, 26248-87-3		400
Di-n-butyl phthalate, 84-74	4-2	3900 B	TPP, 115-86-6		300
Diethyl phthalate, 84-66-2		870			



### COA Report



Client Sample Name:	62-N		Test Method:	MASV15 -1530 analyte meth	nod
FSES Sample ID:	A241143		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - F	Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	9 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	95 JB
2,4-di-tert-butylphenol, 96	6-76-4	26 JB	Diethyl phthalate, 8	4-66-2	89 J
Benzothiazole, 95-16-9		370	N,N-Diethyl-m-tolua	amide, 134-62-3	26 J



#### **COA Report**



Client Sample Name: 65-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A241144				
	Matrix: Passive Sampling Device - Pe	rsonal		
Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)		
20 J	Dimethyl phthalate, 131-11-3	320		
610 B	Ethylene brassylate (Musk NN), 105-95-3	5200		
460	Exaltolide [15-Pentadecanolide], 106-02-5	6200		
220	Galaxolide, 1222-05-5	1200		
540	lilial, 80-54-6	2700		
8700	Linalool, 78-70-6	1100		
16000	N,N-Diethyl-m-toluamide, 134-62-3	19000		
120000 B	Permethrin, 52645-53-1	280		
7100	phenanthrene, 85-01-8	180		
4500	Pyrene, 129-00-0	78		
300	TCEP, 115-96-8	3000		
10000 B	TCPP, 26248-87-3	1100		
3100	Tonalide, 1506-02-1, 21145-77-7	340		
8000	TPP, 115-86-6	530		
	(ng/Wristband) 20 J 610 B 460 220 540 8700 16000 120000 B 7100 4500 300 10000 B 3100	Date Received: 08/12/24           Matrix:         Passive Sampling Device - Permething (ng/Wristband)           20 J         Dimethyl phthalate, 131-11-3           610 B         Ethylene brassylate (Musk NN), 105-95-3           460         Exaltolide [15-Pentadecanolide], 106-02-5           220         Galaxolide, 1222-05-5           540         lilial, 80-54-6           8700         Linalool, 78-70-6           16000         N,N-Diethyl-m-toluamide, 134-62-3           120000 B         Permethrin, 52645-53-1           7100         phenanthrene, 85-01-8           4500         Pyrene, 129-00-0           300         TCEP, 115-96-8           10000 B         TCPP, 26248-87-3           3100         Tonalide, 1506-02-1, 21145-77-7		



### COA Report



Client Sample Name: 65-N		Test Method:	MASV15 -1530 analyte met	hod
FSES Sample ID: A241145		Date Received:	08/12/24	
Client location:		Matrix:	Passive Sampling Device -	Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	16 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	610 B
2,4-di-tert-butylphenol, 96-76-4	180 B	Di-n-butyl phthalate	, 84-74-2	150 B
Benzophenone, 119-61-9	39 J	Diethyl phthalate, 8	4-66-2	210
Benzothiazole, 95-16-9	220	Diisobutyl phthalate	e, 84-69-5	220
Benzyl benzoate, 120-51-4	150	N,N-Diethyl-m-tolua	amide, 134-62-3	620
benzyl salicylate, 118-58-1	62 J			



### **COA Report**



University					Asbrew
Client Sample Name:	74-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241146		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzothiazole, 95-16-9		130 J	naphthalene, 91-20	-3	16 J
Bis(2-ethylhexyl)phthalat	e, 117-81-7	130 JB	Triethyl phosphate,	78-40-0	53 J



COA Report



Client Sample Name: 7	74-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241147		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-1	12-0	10 J	Diethyl phthalate, 8	4-66-2	610
2,4-di-tert-butylphenol, 96-	-76-4	600 B	Diisobutyl phthalate	9, 84-69-5	840
Benzophenone, 119-61-9		190	Dimethyl phthalate,	131-11-3	370
Benzothiazole, 95-16-9		260	Galaxolide, 1222-0	5-5	190
Benzyl benzoate, 120-51-4	4	600	N,N-Diethyl-m-tolua	amide, 134-62-3	960
benzyl salicylate, 118-58-1	1	74 J	TCPP, 26248-87-3		610
Bis(2-ethylhexyl)phthalate	, 117-81-7	5800 B	TPP, 115-86-6		150 J
Butyl benzyl phthalate, 85-	-68-7	100 J	Triethyl phosphate,	78-40-0	290 J
Di-n-butyl phthalate, 84-74	1-2	2000 B			



### **COA Report**



Oniversity					, 42bter.
Client Sample Name:	40-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241148		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	12 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	83 JB
Benzothiazole, 95-16-9		160	naphthalene, 91-20	-3	37 J



# COA Report



Client Sample Name: 40-WB		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A241149		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device - Pers	sonal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1,6-dimethylnaphthalene, 575-43-9	21 J	Di-n-butyl phthalate, 84-74-2	4400 B
2,4-di-tert-butylphenol, 96-76-4	350 B	Di-n-nonyl phthalate, 84-76-4	350
2-methylphenanthrene, 2531-84-2	30 J	Diethyl phthalate, 84-66-2	630
anthracene, 120-12-7	59	Diisobutyl phthalate, 84-69-5	950
Benzophenone, 119-61-9	280	Galaxolide, 1222-05-5	520
Benzothiazole, 95-16-9	400	N,N-Diethyl-m-toluamide, 134-62-3	1800
Benzyl benzoate, 120-51-4	1000	Permethrin, 52645-53-1	1100
benzyl salicylate, 118-58-1	240	Permethrin II, 61949-76-6	590
Bis(2-ethylhexyl)phthalate, 117-81-7	18000 B	Tonalide, 1506-02-1, 21145-77-7	9 J
Butyl benzyl phthalate, 85-68-7	340	TPP, 115-86-6	140 J
Caffeine, 58-08-2	1200	Tris(2-butoxyethyl) phosphate, 78-51-3	480
Carvone, 99-49-0	320		



### **COA Report**



University					Aspien
Client Sample Name:	56-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241150		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	1-12-0	12 J	N,N-Diethyl-m-tolua	amide, 134-62-3	460
Bis(2-ethylhexyl)phthalat	e, 117-81-7	150 JB	Triethyl phosphate,	78-40-0	87 J
Linalool, 78-70-6		1400			



#### **COA Report**



Client Sample Name: 5	56-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241151		Date Received: 08/12/24		
Client location:			Matrix: Passive Sampling Devic	e - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1,2-dimethylnaphthalene,	573-98-8	39 J	Butyl benzyl phthalate, 85-68-7	950	
1-methylnaphthalene, 90-1	12-0	34 J	Caffeine, 58-08-2	1400	
2,4-bis(alpha,alpha-dimeth	nylbenzyl)phenol, 2772-45-4	320	Di-n-butyl phthalate, 84-74-2	1800 B	
2,6-dimethylnaphthalene,	581-42-0	48 J	Diethyl phthalate, 84-66-2	1800	
anthracene, 120-12-7		43 J	Diisobutyl phthalate, 84-69-5	2700	
Benzophenone, 119-61-9		300	Galaxolide, 1222-05-5	940	
Benzyl benzoate, 120-51-4	4	3700	Linalool, 78-70-6	360	
benzyl salicylate, 118-58-1		530	Methoprene II, 65733-16-6	6500	
Biphenyl, 92-52-4		14 J	N,N-Diethyl-m-toluamide, 134-62-3	62000	
Bis(2-ethylhexyl)phthalate,	, 117-81-7	30000 B	Triethyl phosphate, 78-40-0	760	



### **COA Report**



	University					Asbrew
Client location:  Chemical Name  Concentration (ng/Wristband)  1-methylnaphthalene, 90-12-0  b-citronellol, 106-22-9  Benzothiazole, 95-16-9  Matrix: Passive Sampling Device - Personal  Chemical Name  Chemical Name  Chemical Name  Chemical Name  Concentration (ng/Wristband)  Sis(2-ethylhexyl)phthalate, 117-81-7  Carvone, 99-49-0  Benzothiazole, 95-16-9  160  Diethyl phthalate, 84-66-2  54 J	Client Sample Name:	29-N		Test Method:	MASV15 -1530 analyte method	
Chemical NameConcentration (ng/Wristband)Chemical NameConcentration (ng/Wristband)1-methylnaphthalene, 90-12-08 JBis(2-ethylhexyl)phthalate, 117-81-7250 Bb-citronellol, 106-22-9170Carvone, 99-49-083 JBenzothiazole, 95-16-9160Diethyl phthalate, 84-66-254 J	FSES Sample ID:	A241152		Date Received:	08/12/24	
(ng/Wristband)         (ng/Wristband)           1-methylnaphthalene, 90-12-0         8 J         Bis(2-ethylhexyl)phthalate, 117-81-7         250 B           b-citronellol, 106-22-9         170         Carvone, 99-49-0         83 J           Benzothiazole, 95-16-9         160         Diethyl phthalate, 84-66-2         54 J	Client location:			Matrix:	Passive Sampling Device - Personal	
b-citronellol, 106-22-9 170 Carvone, 99-49-0 83 J Benzothiazole, 95-16-9 160 Diethyl phthalate, 84-66-2 54 J	Chemical Name			Chemical Name		Concentration (ng/Wristband)
Benzothiazole, 95-16-9 160 Diethyl phthalate, 84-66-2 54 J	1-methylnaphthalene, 90	)-12-0	8 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	250 B
·	b-citronellol, 106-22-9		170	Carvone, 99-49-0		83 J
Benzyl benzoate, 120-51-4 46 J	Benzothiazole, 95-16-9		160	Diethyl phthalate, 8	4-66-2	54 J
	Benzyl benzoate, 120-51	-4	46 J			



# COA Report



Client Sample Name:	29-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241153		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	74 J	Di-n-butyl phthalate	, 84-74-2	3400 B
2,4-di-tert-butylphenol, 96	6-76-4	260 B	Di-n-nonyl phthalate	e, 84-76-4	420
anthracene, 120-12-7		150	Diethyl phthalate, 8	4-66-2	790
Benzophenone, 119-61-9		560	Diisobutyl phthalate	e, 84-69-5	2300
Benzothiazole, 95-16-9		220	Pyrene, 129-00-0		62
Benzyl benzoate, 120-51	-4	3700	TCPP, 26248-87-3		980
Bis(2-ethylhexyl)phthalate	e, 117-81-7	52000 B	TPP, 115-86-6		490
Butyl benzyl phthalate, 85	5-68-7	390			



### **COA Report**



University					Asblew
Client Sample Name:	72-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241154		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	1-12-0	9 J	Bis(2-ethylhexyl)pht	thalate, 117-81-7	10 JB
Benzothiazole, 95-16-9		140 J	Linalool, 78-70-6		170



# COA Report



Client Sample Name:	72-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241155		Date Received: 08/12/24		
Client location:			Matrix: Passive Sampling Device	- Personal	
Chemical Name	Chemical Name Concentration (ng/Wristband)		Chemical Name	Concentration (ng/Wristband)	
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	70 J	Di-n-butyl phthalate, 84-74-2	4700 B	
2,4-di-tert-butylphenol, 96	6-76-4	550 B	Diethyl phthalate, 84-66-2	1300	
Benzophenone, 119-61-9		450	Diisobutyl phthalate, 84-69-5	1800	
Benzothiazole, 95-16-9		490	Dimethyl phthalate, 131-11-3	560	
Benzyl benzoate, 120-51	-4	8600	Galaxolide, 1222-05-5	790	
benzyl salicylate, 118-58	-1	410	Linalool, 78-70-6	320	
Bis(2-ethylhexyl)phthalate	e, 117-81-7	21000 B	Permethrin, 52645-53-1	130 J	
Butyl benzyl phthalate, 85	5-68-7	490	TCPP, 26248-87-3	2000	
Caffeine, 58-08-2		250 J	TPP, 115-86-6	110 J	
cinnamal, 104-55-2		100 J	Tris(2-butoxyethyl) phosphate, 78-51-3	4900	



**COA** Report



Client Sample Name:	26-WB		Test Method: MASV15 -1530 analyte met	hod
FSES Sample ID:	A241156		Date Received: 08/12/24	
Client location:			Matrix: Passive Sampling Device -	Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90	)-12-0	11 J	Caffeine, 58-08-2	5800
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	69 J	Di-n-butyl phthalate, 84-74-2	1800 B
2,4-di-tert-butylphenol, 9	6-76-4	480 B	Diethyl phthalate, 84-66-2	4400
2-benzothiazolyl sulfide,	4074-77-5	290	Diisobutyl phthalate, 84-69-5	2300
amyl cinnamal, 122-40-7		160 J	Ethylene brassylate (Musk NN), 105-95-3	7200
b-citronellol, 106-22-9		1000	Galaxolide, 1222-05-5	1800
Benzothiazole, 95-16-9		2300	lilial, 80-54-6	470
Benzyl benzoate, 120-51	-4	5100	Linalool, 78-70-6	240
benzyl salicylate, 118-58	-1	12000	Phthalimide, 85-41-6	74 J
Bis(2-ethylhexyl)phthalat	e, 117-81-7	22000 B	Tonalide, 1506-02-1, 21145-77-7	320
Butvl benzvl phthalate, 8	5-68-7	360	TPP, 115-86-6	990



### **COA Report**



Client Sample Name: 26-N		Test Method: MASV15 -1530 analyte	emethod
FSES Sample ID: A241157		Date Received: 08/12/24	
Client location:	ocation:		ice - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
Benzophenone, 119-61-9	110	Diisobutyl phthalate, 84-69-5	190
Benzyl benzoate, 120-51-4	1200	Dimethyl phthalate, 131-11-3	120
benzyl salicylate, 118-58-1	99 J	Galaxolide, 1222-05-5	210
Bis(2-ethylhexyl)phthalate, 117-81-7	180 B	Linalool, 78-70-6	950
Diethyl phthalate, 84-66-2	1400	Ī	



### **COA Report**



Client Sample Name: 73-WB		Test Method: MASV15 -1530 analyte metho	d
FSES Sample ID: A241158		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device - Pe	rsonal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	30 J	Diethyl phthalate, 84-66-2	13000
Benzophenone, 119-61-9	210	Diisobutyl phthalate, 84-69-5	210
Benzothiazole, 95-16-9	460	Dimethyl phthalate, 131-11-3	210
Benzyl benzoate, 120-51-4	530	Galaxolide, 1222-05-5	140
benzyl salicylate, 118-58-1	240	N,N-Diethyl-m-toluamide, 134-62-3	530
Bis(2-ethylhexyl)phthalate, 117-81-7	16000 B	naphthalene, 91-20-3	59
Butyl benzyl phthalate, 85-68-7	78 J	TCPP, 26248-87-3	250 J
Di-n-butyl phthalate, 84-74-2	590 B		



### **COA Report**



Client Sample Name:	73-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	: A241159		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	-12-0	26 J	Carvone, 99-49-0		440
2,4-di-tert-butylphenol, 96	ò-76-4	61 JB	Diethyl phthalate, 8	4-66-2	440
Benzophenone, 119-61-9		50 J	Diisobutyl phthalate	e, 84-69-5	29 J
Benzothiazole, 95-16-9		280	Galaxolide, 1222-0	5-5	25 J
Bis(2-ethylhexyl)phthalate	е, 117-81-7	650 B	naphthalene, 91-20	-3	120
Butyl benzyl phthalate, 85	5-68-7	63 J			



### COA Report



Chiversity					1.420761.
Client Sample Name:	85-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	<b>D:</b> A241160		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzyl benzoate, 120-51	-4	62 J	Galaxolide, 1222-05	5-5	41 J
Bis(2-ethylhexyl)phthalate	e, 117-81-7	230 B	lilial, 80-54-6		160 J
Diethyl phthalate, 84-66-2	2	200	Linalool, 78-70-6		190



# COA Report



Client Sample Name:	85-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241161		Date Received: 08/12/24		
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	13 JB	Di-n-hexyl phthalate	e, 84-75-3	< 100 U
Anisyl alcohol, 105-13-5		180 J	Di-n-nonyl phthalate	e, 84-76-4	1700
b-citronellol, 106-22-9		940	Diethyl phthalate, 8	4-66-2	3800
b-lonone, 79-77-6		1400	Diisobutyl phthalate, 84-69-5		2100
Benzophenone, 119-61-9	)	430	Ethylene brassylate (Musk NN), 105-95-3		14000
Benzyl benzoate, 120-51	-4	3300	Galaxolide, 1222-0	5-5	4000
benzyl salicylate, 118-58-	-1	3700	Geraniol, 106-24-1		1400
Bis(2-ethylhexyl)phthalate	e, 117-81-7	120000 B	lilial, 80-54-6		920
Butyl benzyl phthalate, 85	5-68-7	750	N,N-Diethyl-m-tolua	amide, 134-62-3	570
Caffeine, 58-08-2		1000	TCPP, 26248-87-3		1400
Coumarin, 91-64-5		640	Tonalide, 1506-02-	1, 21145-77-7	1200
Di-n-butyl phthalate, 84-7	'4-2	3200 B	TPP, 115-86-6		380



### **COA Report**



Offiversity					, Asbrew.
Client Sample Name:	60-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241162		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Bis(2-ethylhexyl)phthalat	te, 117-81-7	170 B	Diethyl phthalate, 8	4-66-2	130
Di-n-butyl phthalate, 84-	74-2	40 JB			



### COA Report



Client Sample Name:	60-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241163		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	260 B	Di-n-butyl phthalate	e, 84-74-2	4200 B
b-citronellol, 106-22-9		340	Diethyl phthalate, 8	4-66-2	2200
Benzophenone, 119-61-9	)	220	Ethylene brassylate	e (Musk NN), 105-95-3	3800
Benzyl benzoate, 120-51	-4	1300	Galaxolide, 1222-0	5-5	710
benzyl salicylate, 118-58-	-1	2000	lilial, 80-54-6		160 J
Bis(2-ethylhexyl)phthalate	e, 117-81-7	130000 B	TPP, 115-86-6		140 J
Butyl benzyl phthalate, 85	5-68-7	800			



### COA Report



Client Sample Name: 42-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A241164		Date Received: 08/12/24		
Client location:		Matrix: Passive Sampling Device - Per	sonal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1-methylnaphthalene, 90-12-0	13 J	Diethyl phthalate, 84-66-2	8800	
2,4-di-tert-butylphenol, 96-76-4	250 B	Diisobutyl phthalate, 84-69-5	1400	
amyl cinnamal, 122-40-7	210	Ethylene brassylate (Musk NN), 105-95-3	470 J	
Benzophenone, 119-61-9	310	Galaxolide, 1222-05-5	10000	
Benzothiazole, 95-16-9	230	lilial, 80-54-6	370	
Benzyl benzoate, 120-51-4	5800	N,N-Diethyl-m-toluamide, 134-62-3	5000	
benzyl salicylate, 118-58-1	5200	phenanthrene, 85-01-8	170	
Bis(2-ethylhexyl)phthalate, 117-81-7	46000 B	TCEP, 115-96-8	520	
Caffeine, 58-08-2	960	TCPP, 26248-87-3	1000	
Di-n-butyl phthalate, 84-74-2	2000 B	Tonalide, 1506-02-1, 21145-77-7	38 J	
Di-n-nonyl phthalate, 84-76-4	600			



### COA Report



Client Sample Name:	42-N		Test Method:	Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241165		Date Received:	: 08/12/24		
Client location:			Matrix:	Passive Sampling Device - Persona	al	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylnaphthalene, 90	-12-0	10 J	Di-n-butyl phthalate	e, 84-74-2	53 JB	
Benzothiazole, 95-16-9		130 J	Diethyl phthalate, 8	4-66-2	240	
Benzyl benzoate, 120-51	-4	140	Galaxolide, 1222-0	5-5	510	
Bis(2-ethylhexyl)phthalate	e, 117-81-7	160 B	N,N-Diethyl-m-tolua	amide, 134-62-3	170	



### COA Report



Client Sample Name: 57-WB	ime: 57-WB		MASV15 -1530 analyte method	
FSES Sample ID: A241166		Date Received:	08/12/24	
Client location:		Matrix:	Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzophenone, 119-61-9	82 J	Diisobutyl phthalate	, 84-69-5	560
Benzothiazole, 95-16-9	220	Ethylene brassylate	(Musk NN), 105-95-3	450 J
Benzyl benzoate, 120-51-4	760	Galaxolide, 1222-05	5-5	1000
benzyl salicylate, 118-58-1	1000	lilial, 80-54-6		1000
Bis(2-ethylhexyl)phthalate, 117-81-7	7500 B	N,N-Diethyl-m-tolua	mide, 134-62-3	180
Caffeine, 58-08-2	790	Tonalide, 1506-02-	1, 21145-77-7	180
Di-n-butyl phthalate, 84-74-2	570 B	TPP, 115-86-6		37 J
Diethyl phthalate, 84-66-2	310	Triethyl phosphate,	78-40-0	42 J



### COA Report



Client Sample Name:	57-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241167		Date Received:	08/12/24	
Client location:	12		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dimet	hylbenzyl)phenol, 2772-45-4	58 J	Di-n-butyl phthalate	, 84-74-2	540 B
2,4-di-tert-butylphenol, 96	-76-4	96 JB	Diethyl phthalate, 8	4-66-2	130
Benzothiazole, 95-16-9		190	Galaxolide, 1222-0	5-5	73 J
Bis(2-ethylhexyl)phthalate	e, 117-81-7	6400 B	Linalool, 78-70-6		200
Butyl benzyl phthalate, 85	5-68-7	46 J			



#### **COA Report**



Client Sample Name: 6	63-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241168		Date Received: 08/12/24		
Client location:			Matrix: Passive Sampling Device - P	ersonal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1-methylnaphthalene, 90-1	12-0	20 J	Caffeine, 58-08-2	500	
2,4-bis(alpha,alpha-dimeth	nylbenzyl)phenol, 2772-45-4	180	Di-n-butyl phthalate, 84-74-2	3500 B	
2,4-di-tert-butylphenol, 96-	76-4	400 B	Diethyl phthalate, 84-66-2	440	
Benzophenone, 119-61-9		530	Diisobutyl phthalate, 84-69-5	1400	
Benzothiazole, 95-16-9		550	Dimethyl phthalate, 131-11-3	270	
Benzyl benzoate, 120-51-4	4	520	Galaxolide, 1222-05-5	920	
benzyl salicylate, 118-58-1		1500	N,N-Diethyl-m-toluamide, 134-62-3	860	
Bis(2-ethylhexyl)phthalate,	, 117-81-7	21000 B	TCPP, 26248-87-3	260 J	
Butyl benzyl phthalate, 85-68-7 180 J		Triethyl phosphate, 78-40-0	37 J		



### **COA Report**



Oniversity					Asbrew
Client Sample Name:	63-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241169		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	73 J	N,N-Diethyl-m-tolua	amide, 134-62-3	46 J
Bis(2-ethylhexyl)phthalat	e, 117-81-7	33 JB			



### COA Report



Client Sample Name:	36-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241170		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	98 JB	Butyl benzyl phthala	ate, 85-68-7	440
Benzophenone, 119-61-9	9	130	Di-n-butyl phthalate	, 84-74-2	3300 B
Benzothiazole, 95-16-9		200	Di-n-nonyl phthalate	e, 84-76-4	360
Benzyl benzoate, 120-51	-4	120000	Diethyl phthalate, 8	4-66-2	370
benzyl salicylate, 118-58-	-1	420	Diisobutyl phthalate	, 84-69-5	1800
Bis(2-ethylhexyl)phthalate	e, 117-81-7	31000 B	TPP, 115-86-6		140 J



### **COA Report**



University					Asbren
Client Sample Name:	36-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241171		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzothiazole, 95-16-9		260	Di-n-butyl phthalate	, 84-74-2	250 B
Bis(2-ethylhexyl)phthalate	e, 117-81-7	840 B	Diethyl phthalate, 8	4-66-2	87 J
Carvone, 99-49-0		240			



### **COA Report**



Offiversity	•				. 42016
Client Sample Name:	64-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241172		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Pers	sonal
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	)-12-0	7 J	Diethyl phthalate, 8	4-66-2	89 J
Bis(2-ethylhexyl)phthalat	e, 117-81-7	240 B	N,N-Diethyl-m-tolua	amide, 134-62-3	110 J
Di-n-butyl phthalate, 84-7	74-2	36 JB			



# COA Report



Client Sample Name:	64-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241173		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 9	6-76-4	480 B	Di-n-butyl phthalate	e, 84-74-2	2100 B
Benzophenone, 119-61-9	9	290	Diethyl phthalate, 8	4-66-2	1900
Benzothiazole, 95-16-9		450	Diisobutyl phthalate	e, 84-69-5	1800
Benzyl benzoate, 120-51	-4	280	Ethylene brassylate	e (Musk NN), 105-95-3	240 J
benzyl salicylate, 118-58	-1	300	Galaxolide, 1222-0	5-5	250
Bis(2-ethylhexyl)phthalat	e, 117-81-7	24000 B	N,N-Diethyl-m-tolua	amide, 134-62-3	1700
Butyl benzyl phthalate, 8	5-68-7	790	TCPP, 26248-87-3		3300
Caffeine, 58-08-2		1100	Triethyl phosphate,	78-40-0	67 J



### **COA Report**



Offiversity					, Asbrew.
Client Sample Name:	48-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241174		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 9	6-76-4	240 B	Bis(2-ethylhexyl)ph	thalate, 117-81-7	300 B
Benzothiazole, 95-16-9		92 J	Diethyl phthalate, 8	4-66-2	120



### COA Report



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Client Sample Name: 48-WB		Test Method: MASV15 -1530 analyt	te method
FSES Sample ID: A241175		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Dev	vice - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylpyrene, 2381-21-7	59	Bis(2-ethylhexyl)phthalate, 117-81-7	75000 B
2,4-di-tert-butylphenol, 96-76-4	780 B	Caffeine, 58-08-2	6100
2-methylphenanthrene, 2531-84-2	69	Di-n-butyl phthalate, 84-74-2	3200 B
anthracene, 120-12-7	76	Diethyl phthalate, 84-66-2	570
Benzophenone, 119-61-9	1100	TPP, 115-86-6	120 J
Benzyl benzoate, 120-51-4	180	Ī	



### **COA Report**



Offiversity					, Asbrew.
Client Sample Name:	34-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241176		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	1-12-0	11 J	Bis(2-ethylhexyl)phi	thalate, 117-81-7	120 JB
Benzophenone, 119-61-9	9	29 J	Carvone, 99-49-0		230



### COA Report



Client Sample Name:	34-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241177		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dimet	thylbenzyl)phenol, 2772-45-4	75 J	Butyl benzyl phthala	ate, 85-68-7	270
2,4-di-tert-butylphenol, 96	6-76-4	370 B	Carvone, 99-49-0		190
Benzophenone, 119-61-9		240	Di-n-butyl phthalate	, 84-74-2	4900 B
Benzothiazole, 95-16-9		260	Diethyl phthalate, 8	4-66-2	860
Benzyl benzoate, 120-51-	-4	330	Diisobutyl phthalate	, 84-69-5	1900
benzyl salicylate, 118-58-	1	100	TCPP, 26248-87-3		670
Bis(2-ethylhexyl)phthalate	e, 117-81-7	140000 JB	TPP, 115-86-6		120 J



### **COA Report**



Client Sample Name:	76 N		Tost Mothod:	MAC)/45 4520 analyse most and	
Chefit Sample Name.	7 O-IN		rest wethou.	MASV15 -1530 analyte method	
FSES Sample ID:	A241178		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
b-citronellol, 106-22-9		480	Di-n-butyl phthalate	, 84-74-2	19 JB
Benzophenone, 119-61-9	)	34 J	Diethyl phthalate, 8	4-66-2	100
Bis(2-ethylhexyl)phthalate	e, 117-81-7	20 JB	Diisobutyl phthalate	, 84-69-5	82 J



### COA Report



Client Sample Name:	76-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241179		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	10 J	Bis(2-ethylhexyl)phi	thalate, 117-81-7	62000 B
2,4-bis(alpha,alpha-dime	alpha-dimethylbenzyl)phenol, 2772-45-4 48 J		Caffeine, 58-08-2		2000
2,4-di-tert-butylphenol, 9	6-76-4	390 B	Di-n-butyl phthalate	, 84-74-2	1700 B
b-citronellol, 106-22-9		180	Diethyl phthalate, 8	4-66-2	520
Benzophenone, 119-61-9	9	160	Diisobutyl phthalate	e, 84-69-5	3200
Benzothiazole, 95-16-9		Galaxolide, 1222-05	5-5	66 J	
Benzyl benzoate, 120-51	-4	110	N,N-Diethyl-m-tolua	amide, 134-62-3	64 J



### **COA Report**



Onversity					. Azbreis
Client Sample Name:	27-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241180		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	1-12-0	8 J	Benzothiazole, 95-1	6-9	73 J
2,4-di-tert-butylphenol, 9	6-76-4	49 JB	Bis(2-ethylhexyl)ph	halate, 117-81-7	160 B
Benzophenone, 119-61-9	9	34 J	Di-n-butyl phthalate	, 84-74-2	10 JB



# COA Report



Client Sample Name:	: 27-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241181		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	12 J	Diethyl phthalate, 8	4-66-2	1200
2,4-di-tert-butylphenol, 96	6-76-4	710 B	Diisobutyl phthalate	e, 84-69-5	1200
b-lonone, 79-77-6		220	Ethylene brassylate	e (Musk NN), 105-95-3	2800
Benzophenone, 119-61-9 300		300	Galaxolide, 1222-05-5		1000
Benzothiazole, 95-16-9		160	lilial, 80-54-6		470
Benzyl benzoate, 120-51	-4	720	Linalool, 78-70-6		160
benzyl salicylate, 118-58-	-1	21000	N,N-Diethyl-m-tolua	amide, 134-62-3	440
Bis(2-ethylhexyl)phthalate	e, 117-81-7	44000 B	TCPP, 26248-87-3		180 J
Caffeine, 58-08-2		1300	Tonalide, 1506-02-	1, 21145-77-7	6 J
Citral A, 5392-40-5		240	TPP, 115-86-6		5300
Di-n-butyl phthalate, 84-7	74-2	2600 B	Triethyl phosphate,	78-40-0	68 J



### COA Report



Client Sample Name:	: 106-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241182		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	12-0	14 J	Di-n-nonyl phthalate	e, 84-76-4	2400
2,4-di-tert-butylphenol, 96-	-76-4	720 B	Diethyl phthalate, 8	4-66-2	900
b-Ionone, 79-77-6		1500	Diisobutyl phthalate	e, 84-69-5	2000
Benzyl benzoate, 120-51-	4	2500	Ethylene brassylate	e (Musk NN), 105-95-3	12000
benzyl salicylate, 118-58-7	1	9200	Galaxolide, 1222-05	5-5	26000
Caffeine, 58-08-2		2500	lilial, 80-54-6		750
Coumarin, 91-64-5		320	N,N-Diethyl-m-tolua	amide, 134-62-3	1900
Di-n-butyl phthalate, 84-74	1-2	7000 B	Tonalide, 1506-02-	1, 21145-77-7	220



COA Report



Client Sample Name: 106-N		Test Method: MASV15 -1530 an	alyte method
FSES Sample ID: A241183		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling	Device - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	9 J	Di-n-butyl phthalate, 84-74-2	86 JB
2,4-di-tert-butylphenol, 96-76-4	100 B	Diisobutyl phthalate, 84-69-5	140
Benzyl benzoate, 120-51-4	31 J	Galaxolide, 1222-05-5	380
benzyl salicylate, 118-58-1	130	N,N-Diethyl-m-toluamide, 134-62-3	67 J
Bis(2-ethylhexyl)phthalate, 117-81-7	290 B		



### **COA Report**



Client Sample Name: 9	96-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID: A	A241184		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96-	76-4	590 B	Di-n-nonyl phthalate	e, 84-76-4	12000
4-tert-butylphenol, 98-54-4		4200	Diethyl phthalate, 8	4-66-2	2000
Benzophenone, 119-61-9		1200	Ethylene brassylate	e (Musk NN), 105-95-3	22000
Benzyl benzoate, 120-51-4		7000	Galaxolide, 1222-05	5-5	10000
Bis(2-ethylhexyl)phthalate,	117-81-7	650000 B	lilial, 80-54-6		120 J
Butyl benzyl phthalate, 85-	68-7	1000	N,N-Diethyl-m-tolua	amide, 134-62-3	2700
Caffeine, 58-08-2		5600	TPP, 115-86-6		580
Di-n-butyl phthalate, 84-74	-2	7300 B			



### COA Report



Client Sample Name:	96-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241185		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	29 J	Di-n-butyl phthalate	e, 84-74-2	730 B
2,4-di-tert-butylphenol, 9	6-76-4	320 B	Diethyl phthalate, 8	4-66-2	3000
Benzophenone, 119-61-9	9	250	Diisobutyl phthalate	9, 84-69-5	2000
Benzyl benzoate, 120-51	-4	2100	Ethylene brassylate	e (Musk NN), 105-95-3	1700
benzyl salicylate, 118-58	-1	300	Galaxolide, 1222-0	5-5	2900
Bis(2-ethylhexyl)phthalat	e, 117-81-7	3200 B	N,N-Diethyl-m-tolua	amide, 134-62-3	260
Butyl benzyl phthalate, 8	5-68-7	92 J			



#### **COA Report**



Client Sample Name: 52-WB		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A241186	6	Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device	- Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96-76-4	940 B	Di-n-nonyl phthalate, 84-76-4	2900
anthracene, 120-12-7	58	Diethyl phthalate, 84-66-2	3000
Benzophenone, 119-61-9	880	Diisobutyl phthalate, 84-69-5	24000
Benzyl benzoate, 120-51-4	6900	Exaltolide [15-Pentadecanolide], 106-02-5	16000
benzyl salicylate, 118-58-1	1100	Galaxolide, 1222-05-5	2500
Bis(2-ethylhexyl)phthalate, 117-81	-7 76000 B	Permethrin, 52645-53-1	290
Butyl benzyl phthalate, 85-68-7	8900	Permethrin II, 61949-76-6	280
Citral A, 5392-40-5	730	TCPP, 26248-87-3	550
Citral B, 5392-40-5	< 150 U	Tonalide, 1506-02-1, 21145-77-7	240
Di-n-butyl phthalate, 84-74-2	21000 B	TPP, 115-86-6	740



### COA Report



Client Sample Name: 52-N		Test Method: MASV15 -1530 an	alyte method
FSES Sample ID: A241187		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling	Device - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
Benzophenone, 119-61-9	80 J	Di-n-butyl phthalate, 84-74-2	240 B
Benzothiazole, 95-16-9	130 J	Diethyl phthalate, 84-66-2	170
Benzyl benzoate, 120-51-4	43 J	Diisobutyl phthalate, 84-69-5	410
Bis(2-ethylhexyl)phthalate, 117-81-7	1200 B	Galaxolide, 1222-05-5	17 J
Butyl benzyl phthalate, 85-68-7	94 J		



# COA Report



			· 43px
Client Sample Name: 122-WB		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A241188		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device - Pers	sonal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	10 J	Ethylene brassylate (Musk NN), 105-95-3	2200
2,4-bis(alpha,alpha-dimethylbenzyl)phenol, 2772-45-4	130 J	Exaltolide [15-Pentadecanolide], 106-02-5	3200
2,4-di-tert-butylphenol, 96-76-4	160 B	Galaxolide, 1222-05-5	6900
anthracene, 120-12-7	43 J	hydroxy-citronellal, 107-75-5	390
Benzophenone, 119-61-9	510	N,N-Diethyl-m-toluamide, 134-62-3	1500
benzyl salicylate, 118-58-1	7500	Permethrin, 52645-53-1	990
Bis(2-ethylhexyl)phthalate, 117-81-7	410000 JB	Permethrin II, 61949-76-6	840
Butyl benzyl phthalate, 85-68-7	790	TCPP, 26248-87-3	520
Di-n-butyl phthalate, 84-74-2	2800 B	Tonalide, 1506-02-1, 21145-77-7	38 J
Diethyl phthalate, 84-66-2	1300	TPP, 115-86-6	270
Diisobutyl phthalate, 84-69-5	4600		



### **COA Report**



Offiversity					Asbien
Client Sample Name:	122-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241189		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Bis(2-ethylhexyl)phthalat	e, 117-81-7	66 JB	Galaxolide, 1222-0	5-5	23 J
Diisobutyl phthalate, 84-6	69-5	46 J			



### COA Report



Client Sample Name:	161-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241190		Date Received:	08/12/24	
Client location:	n:		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	5 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	64 JB
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	20 J	Galaxolide, 1222-05	5-5	23 J
Benzyl benzoate, 120-51	-4	230	Linalool, 78-70-6		220
benzyl salicylate, 118-58-	-1	25 J			



## **COA** Report



Client Sample Name:	nt Sample Name: 161-WB FSES Sample ID: A241191		Test Method: MASV15 -1530 analyte method			
FSES Sample ID:			Date Received:			
Client location:			Matrix: Passive Sampling Device - Perso		nal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylnaphthalene, 90-	12-0	19 J	cinnamal, 104-55-2		110 J	
2,4-di-tert-butylphenol, 96	-76-4	2 JB	Coumarin, 91-64-5		440	
4-chloro-3,5-dimethylphenol, 88-04-0		130	Di-n-butyl phthalate, 84-74-2		1000 B	
a-lonone, 127-41-3		1400	Diethyl phthalate, 8	4-66-2	830	
Benzothiazole, 95-16-9		220	Diisobutyl phthalate, 84-69-5		520	
Benzyl benzoate, 120-51-	4	12000	Ethylene brassylate	e (Musk NN), 105-95-3	4400	
benzyl salicylate, 118-58-	1	1600	Galaxolide, 1222-0	5-5	3200	
Bis(2-ethylhexyl)phthalate	, 117-81-7	15000 B	lilial, 80-54-6		150 J	
Butyl benzyl phthalate, 85	-68-7	950	Linalool, 78-70-6		940	
butylated hydroxytoluene,	128-37-0	1300				



### **COA Report**



Client Sample Name: 124-WB		Test Method: MASV15 -1530 analyte method	nod
FSES Sample ID: A241192		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device - I	Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dimethylbenzyl)phenol, 2772-45-4	81 J	Diethyl phthalate, 84-66-2	1500
2,4-di-tert-butylphenol, 96-76-4	360 B	Diisobutyl phthalate, 84-69-5	1500
Benzophenone, 119-61-9	450	Ethylene brassylate (Musk NN), 105-95-3	1600
Benzothiazole, 95-16-9	370	Galaxolide, 1222-05-5	970
Benzyl benzoate, 120-51-4	8700	Linalool, 78-70-6	180
benzyl salicylate, 118-58-1	79 J	TCPP, 26248-87-3	1700
Bis(2-ethylhexyl)phthalate, 117-81-7	38000 B	Tonalide, 1506-02-1, 21145-77-7	160
Butyl benzyl phthalate, 85-68-7	280	Triclosan, 3380-34-5	140 J
Caffeine, 58-08-2	4300	Triethyl phosphate, 78-40-0	220 J
Di-n-butyl phthalate, 84-74-2	2500 B		



### COA Report



Client Sample Name:			Test Method: MASV15 -1530 analyte method		
FSES Sample ID:			Date Received:	08/12/24	
Client location:	tion:		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	11 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	390 JB
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	24 J	Diethyl phthalate, 8	4-66-2	92 J
Benzothiazole, 95-16-9		170	Diisobutyl phthalate	e, 84-69-5	99 J
Benzyl benzoate, 120-51	-4	64 J			



### COA Report



Client Sample Name: 169-WB		Test Method: MASV15 -1530 analyte method	od	
FSES Sample ID: A241194		Date Received: 08/12/24		
Client location:		Matrix: Passive Sampling Device - P	ersonal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1-methylnaphthalene, 90-12-0	64	Diethyl phthalate, 84-66-2	860	
2,4-di-tert-butylphenol, 96-76-4	190 B	Diisobutyl phthalate, 84-69-5	2800	
acenaphthene, 83-32-9	79	Ethylene brassylate (Musk NN), 105-95-3	1600	
b-Ionone, 79-77-6	360	fluoranthene, 206-44-0	61	
Benzophenone, 119-61-9	350	fluorene, 86-73-7	53	
Benzyl benzoate, 120-51-4	3600	Galaxolide, 1222-05-5	6200	
benzyl salicylate, 118-58-1	5000	lilial, 80-54-6	300	
Biphenyl, 92-52-4	25 J	naphthalene, 91-20-3	98	
Bis(2-ethylhexyl)phthalate, 117-81-7	290000 B	phenanthrene, 85-01-8	250	
Butyl benzyl phthalate, 85-68-7	960	TPP, 115-86-6	180 J	
Di-n-butyl phthalate, 84-74-2	6000 B			



# COA Report



Client Sample Name:	: 169-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241195		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	23 J	Bis(2-ethylhexyl)pht	thalate, 117-81-7	210 B
2,4-di-tert-butylphenol, 96	6-76-4	12 JB	Di-n-butyl phthalate	, 84-74-2	480 B
acenaphthene, 83-32-9		18 J	Diethyl phthalate, 8	4-66-2	240
Benzophenone, 119-61-9	9	33 J	Diisobutyl phthalate	, 84-69-5	190
Benzyl benzoate, 120-51	-4	1400	Galaxolide, 1222-05	5-5	660 J
benzyl salicylate, 118-58	-1	210	naphthalene, 91-20	-3	46 J



#### **COA Report**



Client Sample Name:	134-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241196		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	28 J	Di-n-butyl phthalate	e, 84-74-2	11000 B
2,4-di-tert-butylphenol, 9	6-76-4	720 B	Di-n-nonyl phthalate	e, 84-76-4	1800
b-Ionone, 79-77-6		3700	Diethyl phthalate, 84-66-2		1800
Benzophenone, 119-61-9	)	1000	Diisobutyl phthalate, 84-69-5		4700
Benzothiazole, 95-16-9		490 Dimethyl phthalate, 131-11-3		131-11-3	900
Benzyl benzoate, 120-51	-4	7000	Ethylene brassylate	e (Musk NN), 105-95-3	3400
benzyl salicylate, 118-58	-1	6200	Exaltolide [15-Penta	adecanolide], 106-02-5	7000
Bis(2-ethylhexyl)phthalat	e, 117-81-7	62000 B	Galaxolide, 1222-05	5-5	3100
Butyl benzyl phthalate, 8	5-68-7	2600	N,N-Diethyl-m-tolua	amide, 134-62-3	430
butylated hydroxytoluene	e, 128-37-0	240	Tonalide, 1506-02-	1, 21145-77-7	140
Caffeine, 58-08-2		17000	TPP, 115-86-6		460
cinnamal, 104-55-2		89 J	Tris(2-butoxyethyl)	phosphate, 78-51-3	3200



### **COA Report**



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Client Sample Name:	134-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241197		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	12 J	Di-n-butyl phthalate	, 84-74-2	< 100 U
b-lonone, 79-77-6		220	Diethyl phthalate, 8	4-66-2	100
Benzyl benzoate, 120-51	-4	66 J	Galaxolide, 1222-0	5-5	13 J
Bis(2-ethylhexyl)phthalate	e, 117-81-7	110 JB			



# COA Report



Client Sample Name: 33-WB		Test Method: MASV15 -1530 analyte method	
FSES Sample ID: A241198		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device - Person	onal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	21 J	Bis(2-ethylhexyl)phthalate, 117-81-7	88000 B
2,4-bis(alpha,alpha-dimethylbenzyl)phenol, 2772	2-45-4 83 J	Di-n-butyl phthalate, 84-74-2	3300 B
2,4-di-tert-butylphenol, 96-76-4	90 JB	Diethyl phthalate, 84-66-2	3400
4-Chlorophenol, 106-48-9	120	Diisobutyl phthalate, 84-69-5	1500 J
amyl cinnamal, 122-40-7	2600	Ethylene brassylate (Musk NN), 105-95-3	2300
b-Ionone, 79-77-6	640	Galaxolide, 1222-05-5	14000
Benzophenone, 119-61-9	2900	lilial, 80-54-6	200 J
Benzothiazole, 95-16-9	430	Linalool, 78-70-6	320
benzyl salicylate, 118-58-1	4700 J	naphthalene, 91-20-3	75



### COA Report



Client Sample Name:	33-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241199		Date Received:	08/12/24	
Client location:	ocation:		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzophenone, 119-61-9	9	37 J	Diisobutyl phthalate	, 84-69-5	100
Benzothiazole, 95-16-9		220	Linalool, 78-70-6		280
Bis(2-ethylhexyl)phthalate	e, 117-81-7	2000 B	naphthalene, 91-20	-3	93
Diethyl phthalate, 84-66-2	2	140			



### COA Report



Client Sample Name: 147-N		Test Method: MASV15 -1530 ar	nalyte method
FSES Sample ID: A241200		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling	Device - Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	18 J	Galaxolide, 1222-05-5	180
Bis(2-ethylhexyl)phthalate, 117-81-7	330 B	lilial, 80-54-6	420
Diethyl phthalate, 84-66-2	120	Linalool, 78-70-6	250
Diisobutyl phthalate, 84-69-5	20 J	naphthalene, 91-20-3	35 J
Ethylene brassylate (Musk NN), 105-95-3	1400		



# COA Report



Client Sample Name:	9: 147-WB		Test Method: MASV15 -1530 analyte method	
FSES Sample ID:	SES Sample ID: A241201		Date Received: 08/12/24	
Client location:			Matrix: Passive Sampling Device - F	Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	54	Cashmeran, 33704-61-9	200
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	66 J	Di-n-butyl phthalate, 84-74-2	9800 B
2,4-di-tert-butylphenol, 96	6-76-4	270 B	Diethyl phthalate, 84-66-2	4200
2,6-dimethylnaphthalene	, 581-42-0	15 J	Diisobutyl phthalate, 84-69-5	5500
acenaphthene, 83-32-9		83	Ethylene brassylate (Musk NN), 105-95-3	200000
anthracene, 120-12-7		200	fluoranthene, 206-44-0	69
b-Ionone, 79-77-6		1100	fluorene, 86-73-7	66
Benzophenone, 119-61-9	9	290	Galaxolide, 1222-05-5	24000
Benzothiazole, 95-16-9		180	lilial, 80-54-6	2500
benzyl salicylate, 118-58	-1	5700	N,N-Diethyl-m-toluamide, 134-62-3	510
Biphenyl, 92-52-4		23 J	naphthalene, 91-20-3	85
Butyl benzyl phthalate, 8	5-68-7	410	Tonalide, 1506-02-1, 21145-77-7	330
Caffeine, 58-08-2		2200	TPP, 115-86-6	4400



## **COA Report**



University					Asbiew
Client Sample Name:	173-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241202		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzothiazole, 95-16-9		160	Diethyl phthalate, 8	4-66-2	92 J
Bis(2-ethylhexyl)phthalate	e, 117-81-7	740 B	Diisobutyl phthalate	, 84-69-5	190
Di-n-butyl phthalate, 84-7	<b>'4-2</b>	150 B			



# COA Report



Client Sample Name:	173-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241203		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	71 JB	Di-n-butyl phthalate	e, 84-74-2	1900 B
4-chloro-3,5-dimethylphe	nol, 88-04-0	780	Diethyl phthalate, 8	4-66-2	580
acenaphthylene, 208-96-	8	8 J	Diisobutyl phthalate	e, 84-69-5	3400
Benzophenone, 119-61-9	)	240	Ethylene brassylate	e (Musk NN), 105-95-3	1300
Benzyl benzoate, 120-51	-4	2700	Galaxolide, 1222-0	5-5	680
benzyl salicylate, 118-58	-1	480	N,N-Diethyl-m-tolua	amide, 134-62-3	360
Bis(2-ethylhexyl)phthalat	e, 117-81-7	42000 B	TCPP, 26248-87-3		1200
Butyl benzyl phthalate, 8	5-68-7	450	TPP, 115-86-6		230 J
Caffeine, 58-08-2		2100			



## **COA Report**



Offiversity					· Asbreis.
Client Sample Name:	135-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241204		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Diethyl phthalate, 84-66-2	2	110	naphthalene, 91-20	-3	52



# COA Report



Client Sample Name: 1	: 135-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241205		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1,2-dimethylnaphthalene,	573-98-8	28 J	Diethyl phthalate, 8	4-66-2	1600
1-methylnaphthalene, 90-1	12-0	14 J	Ethylene brassylate	(Musk NN), 105-95-3	8000
2,4-di-tert-butylphenol, 96-	-76-4	140 B	Galaxolide, 1222-05	5-5	1800
anthracene, 120-12-7		83	N,N-Diethyl-m-tolua	mide, 134-62-3	510
Benzophenone, 119-61-9		1800	naphthalene, 91-20	-3	67
Benzyl benzoate, 120-51-4	4	810	Permethrin, 52645-	53-1	990
Bis(2-ethylhexyl)phthalate,	, 117-81-7	35000 B	Thymol, 89-83-8		100
Di-n-butyl phthalate, 84-74	1-2	7500 B	TPP, 115-86-6		210 J



## **COA Report**



Offiversity					Asbleis.
Client Sample Name:	132-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241206		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzothiazole, 95-16-9		130 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	390 B
Benzyl benzoate, 120-51	-4	15 J	Galaxolide, 1222-05	5-5	9 J



# COA Report



Client Sample Name: 132-	132-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID: A241	1207		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	)	9 J	Di-n-butyl phthalate	, 84-74-2	3400 B
2,4-di-tert-butylphenol, 96-76-4	4	68 JB	Diethyl phthalate, 8	4-66-2	1000
Benzophenone, 119-61-9		220	Diisobutyl phthalate	e, 84-69-5	2000
Benzothiazole, 95-16-9		260	Ethylene brassylate	(Musk NN), 105-95-3	6400
Benzyl benzoate, 120-51-4		1900	Galaxolide, 1222-05	5-5	890
benzyl salicylate, 118-58-1		2000	lilial, 80-54-6		320
Bis(2-ethylhexyl)phthalate, 117	7-81-7	100000 B	TCPP, 26248-87-3		300 J
Butyl benzyl phthalate, 85-68-7	7	230	TPP, 115-86-6		100 J
Caffeine, 58-08-2		9600			



## **COA Report**



University					Asbien
Client Sample Name:	190-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241208		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	1-12-0	9 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	120 JB
Benzophenone, 119-61-9	9	56 J	Di-n-butyl phthalate	e, 84-74-2	240 B



# COA Report



Client Sample Name: 19	: 190-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID: A	241209		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96-7	76-4	280 B	Citral B, 5392-40-5		< 150 U
alpha-Chlordane, 5103-71-	9	230 J	Di-n-butyl phthalate	e, 84-74-2	46000 B
amyl cinnamal, 122-40-7		130 J	Diethyl phthalate, 8	4-66-2	2200
anthracene, 120-12-7		53	Diisobutyl phthalate	e, 84-69-5	11000
Benzophenone, 119-61-9		1800	Galaxolide, 1222-05	5-5	1600
Benzyl benzoate, 120-51-4		11000	gamma-Chlordane,	5103-74-2	100 J
benzyl salicylate, 118-58-1		1100	lilial, 80-54-6		180 J
bisphenol AF, 1478-61-1		250 J	N,N-Diethyl-m-tolua	amide, 134-62-3	1900
Butyl benzyl phthalate, 85-6	68-7	590	o-Phenylphenol, 90	-43-7	160
Caffeine, 58-08-2		4000	Permethrin, 52645-	53-1	3600
cinnamal, 104-55-2		170	Tonalide, 1506-02-	1, 21145-77-7	510
Citral A, 5392-40-5		530	TPP, 115-86-6		130 J



## **COA Report**



Chiversity					, asbaen.
Client Sample Name:	119-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241210		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	1-12-0	11 J	Benzothiazole, 95-1	16-9	130 J
2-methylnaphthalene, 91	-57-6	6 J	naphthalene, 91-20	l-3	47 J



# COA Report



Client Sample Name: 119-WB		Test Method: MASV15 -1530 analyte method	od
FSES Sample ID: A241211		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device - Pe	ersonal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1,2-dimethylnaphthalene, 573-98-8	29 J	Butyl benzyl phthalate, 85-68-7	220
1,6-dimethylnaphthalene, 575-43-9	24 J	Caffeine, 58-08-2	750
1-methylnaphthalene, 90-12-0	22 J	Di-n-butyl phthalate, 84-74-2	2000 B
2,4-bis(alpha,alpha-dimethylbenzyl)phenol, 2772-45-4	71 J	Diethyl phthalate, 84-66-2	710
2,4-di-tert-butylphenol, 96-76-4	220 B	Diisobutyl phthalate, 84-69-5	520
anthracene, 120-12-7	64	Galaxolide, 1222-05-5	540
Benzophenone, 119-61-9	280	N,N-Diethyl-m-toluamide, 134-62-3	180
Benzothiazole, 95-16-9	320	naphthalene, 91-20-3	75
Benzyl benzoate, 120-51-4	1000	Permethrin, 52645-53-1	280
Bis(2-ethylhexyl)phthalate, 117-81-7	14000 B		



## **COA Report**



Client Sample Name:	156-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241212		Date Received:	08/12/24	
Client location:	n:		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	-12-0	25 J	Diethyl phthalate, 8	4-66-2	260
2-methylnaphthalene, 91	-57-6	11 J	Diisobutyl phthalate	, 84-69-5	220
acenaphthene, 83-32-9		10 J	Galaxolide, 1222-05	5-5	620
Bis(2-ethylhexyl)phthalate	e, 117-81-7	100 JB	lilial, 80-54-6		220
Di-n-butyl phthalate, 84-7	<b>'4-2</b>	36 JB	naphthalene, 91-20	-3	45 J



### **COA Report**



Client Sample Name:	: 156-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241213		Date Received:	ed: 08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	40 J	Butyl benzyl phthala	ate, 85-68-7	1200
2,4-di-tert-butylphenol, 9	6-76-4	310 B	Caffeine, 58-08-2		1600
4-methoxyphenol, 150-76	6-5	170 J	Coumarin, 91-64-5		550
4-tert-butylphenol, 98-54	-4	3400	Di-n-butyl phthalate	, 84-74-2	7000 B
acenaphthene, 83-32-9		43 J	Diethyl phthalate, 8	4-66-2	3300
amyl cinnamal, 122-40-7		710	Diisobutyl phthalate	e, 84-69-5	6200
anthracene, 120-12-7		170	Ethylene brassylate	e (Musk NN), 105-95-3	3100
Benzophenone, 119-61-9	)	500	Galaxolide, 1222-05	5-5	4700
Benzyl benzoate, 120-51	-4	2200	lilial, 80-54-6		270
benzyl salicylate, 118-58	-1	9200	TPP, 115-86-6		240 J
Bis(2-ethylhexyl)phthalat	e, 117-81-7	130000 B			



## COA Report



Client Sample Name:	75-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241214		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	19 JB	Galaxolide, 1222-0	5-5	33 J
Bis(2-ethylhexyl)phthalat	e, 117-81-7	170 B	lilial, 80-54-6		450
Diisobutyl phthalate, 84-6	69-5	100	N,N-Diethyl-m-tolua	mide, 134-62-3	120 J
Ethylene brassylate (Mus	sk NN), 105-95-3	560			



# COA Report



Client Sample Name:	75-WB		Test Method:	hod: MASV15 -1530 analyte method	
FSES Sample ID:	A241215	A241215		08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	280 B	Diisobutyl phthalate	e, 84-69-5	480
Benzophenone, 119-61-9	9	290	Ethylene brassylate	e (Musk NN), 105-95-3	32000
Benzyl benzoate, 120-51	-4	920	Galaxolide, 1222-0	5-5	1000
benzyl salicylate, 118-58	-1	23000	lilial, 80-54-6		1100
Bis(2-ethylhexyl)phthalat	e, 117-81-7	49000 B	N,N-Diethyl-m-tolua	amide, 134-62-3	8100
Butyl benzyl phthalate, 8	5-68-7	540	Permethrin, 52645-	53-1	350
Citral A, 5392-40-5		400	Tonalide, 1506-02-	1, 21145-77-7	150
Di-n-butyl phthalate, 84-7	<b>'</b> 4-2	2500 B	TPP, 115-86-6 23		230 J
Diethyl phthalate, 84-66-2	2	340			



## COA Report



Client Sample Name:	191-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241216		Date Received:	08/12/24	
Client location:				Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	-12-0	16 J	Diisobutyl phthalate	e, 84-69-5	31 J
Benzothiazole, 95-16-9		300	Dimethyl phthalate,	131-11-3	64 J
Benzyl benzoate, 120-51	-4	150	Ethylene brassylate	e (Musk NN), 105-95-3	610
Bis(2-ethylhexyl)phthalate	e, 117-81-7	13 JB	Galaxolide, 1222-0	5-5	72 J
Diethyl phthalate, 84-66-2	2	140	lilial, 80-54-6		370



### **COA Report**



Client Sample Name:	191-WB		Test Method:	hod: MASV15 -1530 analyte method		
FSES Sample ID:	A241217	A241217		08/12/24		
Client location:			Matrix:	Passive Sampling Device - Personal		
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylnaphthalene, 90	-12-0	13 J	Di-n-nonyl phthalate	e, 84-76-4	790	
2,4-di-tert-butylphenol, 96	6-76-4	370 B	Diethyl phthalate, 8	4-66-2	860	
3-Nitroaniline, 99-09-2		< 250 U	Diisobutyl phthalate	e, 84-69-5	1500	
b-Ionone, 79-77-6		560	Ethylene brassylate	(Musk NN), 105-95-3	750000 J	
Benzophenone, 119-61-9	)	170	Exaltolide [15-Penta	adecanolide], 106-02-5	22000	
Benzyl benzoate, 120-51	-4	36000	Galaxolide, 1222-05	5-5	40000	
benzyl salicylate, 118-58-	-1	7000	lilial, 80-54-6		1400	
Bis(2-ethylhexyl)phthalate	e, 117-81-7	120000 B	N,N-Diethyl-m-tolua	amide, 134-62-3	390	
Butyl benzyl phthalate, 85	5-68-7	100000	Pyrethrin I, 121-21-	1	< 200 U	
Caffeine, 58-08-2		1100	TCPP, 26248-87-3		870	
Di-n-butyl phthalate, 84-7	<b>'</b> 4-2	7000 B	TPP, 115-86-6		250	



## **COA Report**



53-N A241218		Test Method:	MASV15 -1530 analyte method	
A241218				
		Date Received:	08/12/24	
		Matrix:	Passive Sampling Device - Personal	
	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
hylbenzyl)phenol, 2772-45-4	27 J	Diethyl phthalate, 8-	4-66-2	80 J
	60 J	Diisobutyl phthalate	, 84-69-5	200
, 117-81-7	140 JB	N,N-Diethyl-m-tolua	mide, 134-62-3	41 J
4-2	33 JB			
	, 117-81-7	(ng/Wristband) hylbenzyl)phenol, 2772-45-4 27 J 60 J , 117-81-7 140 JB	Concentration (ng/Wristband)  Phylbenzyl)phenol, 2772-45-4  Chemical Name  Chemical Name  Diethyl phthalate, 8-  60 J  Diisobutyl phthalate  N,N-Diethyl-m-tolua	(ng/Wristband)  hylbenzyl)phenol, 2772-45-4  27 J  Diethyl phthalate, 84-66-2  60 J  Diisobutyl phthalate, 84-69-5  N,N-Diethyl-m-toluamide, 134-62-3



## COA Report



Client Sample Name:	53-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241219		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	-12-0	14 J	Di-n-butyl phthalate	e, 84-74-2	5300 B
2,4-di-tert-butylphenol, 96	6-76-4	650 B	Diethyl phthalate, 8	4-66-2	1400
4-Chlorophenol, 106-48-9	)	59 J	Diisobutyl phthalate	e, 84-69-5	9600
Benzophenone, 119-61-9	)	2500	Dimethyl phthalate,	131-11-3	410
Benzothiazole, 95-16-9		300	Ethylene brassylate	e (Musk NN), 105-95-3	550
Benzyl benzoate, 120-51	-4	19000	Galaxolide, 1222-05	5-5	530
benzyl salicylate, 118-58-	-1	100	N,N-Diethyl-m-tolua	amide, 134-62-3	770
Bis(2-ethylhexyl)phthalate	e, 117-81-7	140000 JB	TCPP, 26248-87-3		690
Butyl benzyl phthalate, 85	5-68-7	10000	Tonalide, 1506-02-	1, 21145-77-7	88 J
Caffeine, 58-08-2		1200	TPP, 115-86-6		160 J
Citral A, 5392-40-5		380	Triethyl phosphate,	78-40-0	73 J
Coumarin, 91-64-5		220			



## **COA Report**



Client Sample Name:	140-N	140-N		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241220	A241220		08/12/24		
Client location:			Matrix:	Passive Sampling Device - Personal		
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
1-methylnaphthalene, 90	-12-0	11 J	Di-n-butyl phthalate	e, 84-74-2	140 B	
2,4-di-tert-butylphenol, 96	6-76-4	30 JB	Diethyl phthalate, 8	4-66-2	110	
Benzothiazole, 95-16-9		120 J	Diisobutyl phthalate	e, 84-69-5	120	
Bis(2-ethylhexyl)phthalate	e, 117-81-7	200 B	Galaxolide, 1222-0	5-5	23 J	



# COA Report



Client Sample Name:	140-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241221	A241221		08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	12 J	Caffeine, 58-08-2		750
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	34 J	Di-n-butyl phthalate	e, 84-74-2	1300 B
2,4-di-tert-butylphenol, 9	6-76-4	250 B	Diethyl phthalate, 8	4-66-2	460
Benzophenone, 119-61-9	)	240	Diisobutyl phthalate	e, 84-69-5	930
Benzothiazole, 95-16-9		320	Galaxolide, 1222-0	5-5	4300
Benzyl benzoate, 120-51	-4	200	TCPP, 26248-87-3		790
benzyl salicylate, 118-58	-1	74 J	Tonalide, 1506-02-	1, 21145-77-7	160
Bis(2-ethylhexyl)phthalat	e, 117-81-7	12000 B	TPP, 115-86-6		56 J
Butyl benzyl phthalate, 8	5-68-7	220			



## COA Report



Client Sample Name:	123-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241222	A241222		08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	240 B	Di-n-butyl phthalate	, 84-74-2	1300 B
Benzophenone, 119-61-9	9	240	Diethyl phthalate, 8	4-66-2	1100
Benzyl benzoate, 120-51	-4	630	Diisobutyl phthalate	e, 84-69-5	1000
benzyl salicylate, 118-58	-1	270	Galaxolide, 1222-05	5-5	190
Bis(2-ethylhexyl)phthalat	e, 117-81-7	9200 B	TCPP, 26248-87-3		260 J
Butyl benzyl phthalate, 8	5-68-7	540	Tonalide, 1506-02-	1, 21145-77-7	120
Caffeine, 58-08-2		1400			



## **COA Report**



Oniversity					, 4shler
Client Sample Name:	123-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241223		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Bis(2-ethylhexyl)phthalat	e, 117-81-7	360 B	Diisobutyl phthalate	e, 84-69-5	120
Di-n-butyl phthalate, 84-7	74-2	95 JB			



## COA Report



Client Sample Name:	: 167-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241224		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	30 JB	Di-n-butyl phthalate	, 84-74-2	3900 B
anthracene, 120-12-7		65	Diethyl phthalate, 84	4-66-2	1100
Benzophenone, 119-61-9	9	170	Diisobutyl phthalate	, 84-69-5	2600
benzyl salicylate, 118-58	-1	490	Ethylene brassylate	(Musk NN), 105-95-3	28000
Bis(2-ethylhexyl)phthalat	e, 117-81-7	24000 B	Galaxolide, 1222-05	5-5	2900
Butyl benzyl phthalate, 8	5-68-7	150 J	N,N-Diethyl-m-tolua	mide, 134-62-3	180
Caffeine, 58-08-2		930	Prallethrin, cis-, 230	031-36-9	< 150 U



## **COA Report**



Offiversity					Asbien
Client Sample Name:	167-N	167-N		MASV15 -1530 analyte method	
FSES Sample ID:	A241225		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	)-12-0	10 J	Cashmeran, 33704	-61-9	94 J
b-lonone, 79-77-6		170	Di-n-butyl phthalate	, 84-74-2	12 JB
Benzophenone, 119-61-9	9	47 J	Diisobutyl phthalate	, 84-69-5	120
Bis(2-ethylhexyl)phthalat	e, 117-81-7	73 JB	Ethylene brassylate	(Musk NN), 105-95-3	560



## **COA Report**



Offiversity					. Ashter
Client Sample Name:	153-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241226		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	15 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	340 B
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	47 J	Di-n-butyl phthalate	, 84-74-2	110 B



## **COA Report**



Onversity					- Asbreis
Client Sample Name:	153-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241227		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)



## **COA Report**



University					Asbiew
Client Sample Name:	130-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241228		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzothiazole, 95-16-9		170	Diethyl phthalate, 8	4-66-2	94 J
Bis(2-ethylhexyl)phthalat	e, 117-81-7	320 B			



## **COA Report**



Client Sample Name:	130-WB		Test Method: MASV15 -1530 analyte me	thod
FSES Sample ID:	A241229		Date Received: 08/12/24	
Client location:			Matrix: Passive Sampling Device -	Personal
Chemical Name		Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	17 J	Di-n-octyl phthalate, 117-84-0	< 100 U
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	87 J	Diethyl phthalate, 84-66-2	3400
2,4-di-tert-butylphenol, 9	6-76-4	3 JB	Diisobutyl phthalate, 84-69-5	3100
amyl cinnamal, 122-40-7		200	Ethylene brassylate (Musk NN), 105-95-3	1200
Benzophenone, 119-61-9	9	460	Galaxolide, 1222-05-5	2700
Benzothiazole, 95-16-9		1000	lilial, 80-54-6	720
Benzyl benzoate, 120-51	-4	1100	N,N-Diethyl-m-toluamide, 134-62-3	360
benzyl salicylate, 118-58	-1	1100	Permethrin, 52645-53-1	130 J
Bis(2-ethylhexyl)phthalat	e, 117-81-7	130000 B	Permethrin II, 61949-76-6	110 J
Butyl benzyl phthalate, 8	5-68-7	620	TCPP, 26248-87-3	240 J
Coumarin, 91-64-5		160 J	Tonalide, 1506-02-1, 21145-77-7	930
Di-n-butyl phthalate, 84-7	74-2	3500 B	TPP, 115-86-6	220 J



# COA Report



Client Sample Name:	145-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241230		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	14 J	Di-n-butyl phthalate	, 84-74-2	6900 B
2,4-di-tert-butylphenol, 96	6-76-4	140 B	Dicyclohexyl phthala	ate, 84-61-7	< 150 U
2,4-Dichlorophenol, 120-	83-2	57 J	Diethyl phthalate, 84	4-66-2	2400
acenaphthene, 83-32-9		16 J	Diisobutyl phthalate	, 84-69-5	6300
Benzophenone, 119-61-9	)	590	Dimethyl phthalate,	131-11-3	40 J
Benzyl benzoate, 120-51	-4	4900	Ethylene brassylate	(Musk NN), 105-95-3	720
Benzyl cinnamate, 103-4	1-3	1600	Galaxolide, 1222-05	5-5	1200
benzyl salicylate, 118-58	-1	810	naphthalene, 91-20	-3	250
Bis(2-ethylhexyl)phthalat	e, 117-81-7	39000 B	phenanthrene, 85-0	1-8	78
Butyl benzyl phthalate, 8	5-68-7	620	TCPP, 26248-87-3		530
Caffeine, 58-08-2		1300	Tonalide, 1506-02-1	1, 21145-77-7	190
Citral A, 5392-40-5		460	TPP, 115-86-6		180 J



## **COA Report**



- Chiversity					· 43pzei
Client Sample Name:	145-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241231		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	-12-0	16 J	Di-n-butyl phthalate	, 84-74-2	240 B
Benzyl benzoate, 120-51	-4	38 J	Diisobutyl phthalate	, 84-69-5	170
Bis(2-ethylhexyl)phthalate	e, 117-81-7	100 JB	naphthalene, 91-20	-3	190



### **COA Report**



Client Sample Name: 68-V	: 68-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A24	A241232		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	)	9 J	Diisobutyl phthalate	, 84-69-5	1600
2,4-di-tert-butylphenol, 96-76-	4	630 B	Ethofenprox, 80844	-07-1	1400
amyl cinnamal, 122-40-7		1600	Ethylene brassylate	(Musk NN), 105-95-3	2300
b-Ionone, 79-77-6		270	Galaxolide, 1222-05	5-5	5600
Benzothiazole, 95-16-9		140 J	lilial, 80-54-6		370
Benzyl benzoate, 120-51-4		12000	N,N-Diethyl-m-tolua	mide, 134-62-3	690
benzyl salicylate, 118-58-1		1200	naphthalene, 91-20	-3	240
Bis(2-ethylhexyl)phthalate, 11	7-81-7	74000 B	Permethrin, 52645-	53-1	600
Butyl benzyl phthalate, 85-68-	7	3800	TCPP, 26248-87-3		810
Caffeine, 58-08-2		900	Tonalide, 1506-02-	1, 21145-77-7	1400
Coumarin, 91-64-5		290	TPP, 115-86-6		630
Di-n-butyl phthalate, 84-74-2		4400 B	Tricresylphosphate,	, meta-, 563-04-2	98 J
Diethyl phthalate, 84-66-2		1200	Tris(2-butoxyethyl)	phosphate, 78-51-3	8800



## **COA Report**



Offiversity					, Asback,
Client Sample Name:	68-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241233		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	)-12-0	8 J	Diethyl phthalate, 8	4-66-2	80 J
Benzyl benzoate, 120-51	1-4	120	Galaxolide, 1222-05	5-5	61 J
Bis(2-ethylhexyl)phthalat	te, 117-81-7	99 JB	naphthalene, 91-20	-3	220



## COA Report



Client Sample Name:	150-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241234		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	33 J	Ethylene brassylate	e (Musk NN), 105-95-3	8700
Benzothiazole, 95-16-9		160	Exaltolide [15-Penta	adecanolide], 106-02-5	6800
benzyl salicylate, 118-58	-1	1600	Galaxolide, 1222-0	5-5	1700
Bis(2-ethylhexyl)phthalat	e, 117-81-7	230 B	Linalool, 78-70-6		290
Coumarin, 91-64-5		620	naphthalene, 91-20	-3	54
Diethyl phthalate, 84-66-2	2	250			



# COA Report



Client Sample Name:	: 150-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241235		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	47 J	Diethyl phthalate, 8	4-66-2	2100
2,4-di-tert-butylphenol, 96	6-76-4	200 B	Diisobutyl phthalate	e, 84-69-5	3000
4-chloro-3,5-dimethylphe	nol, 88-04-0	140	Ethylene brassylate	e (Musk NN), 105-95-3	55000
acenaphthene, 83-32-9		66	fluoranthene, 206-4	14-0	13 J
anthracene, 120-12-7		260	fluorene, 86-73-7		61
Benzophenone, 119-61-9		170	Galaxolide, 1222-05	5-5	6200
Benzyl benzoate, 120-51	-4	5100	N,N-Diethyl-m-tolua	amide, 134-62-3	2000
benzyl salicylate, 118-58-	-1	20000	Pyrene, 129-00-0		64
Bis(2-ethylhexyl)phthalate	e, 117-81-7	83000 B	TCPP, 26248-87-3		150 J
Butyl benzyl phthalate, 85	5-68-7	1700	Tonalide, 1506-02-	1, 21145-77-7	160
Caffeine, 58-08-2		16000	TPP, 115-86-6		150 J
Di-n-butyl phthalate, 84-7	'4-2	4700 B			



## COA Report



Client Sample Name:	157-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241236		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	110 J	Di-n-butyl phthalate	, 84-74-2	3300 B
2,4-di-tert-butylphenol, 96	6-76-4	44 JB	Di-n-nonyl phthalate	e, 84-76-4	470
Benzophenone, 119-61-9	)	89 J	Diethyl phthalate, 84	4-66-2	410
Benzyl benzoate, 120-51	-4	280	Diisobutyl phthalate	, 84-69-5	2400
benzyl salicylate, 118-58	-1	1400	Ethylene brassylate	(Musk NN), 105-95-3	3600
Bis(2-ethylhexyl)phthalat	e, 117-81-7	34000 B	Galaxolide, 1222-05	5-5	170
Butyl benzyl phthalate, 8	5-68-7	420	TCPP, 26248-87-3		440
Caffeine, 58-08-2		3900			



## COA Report



Chricishy					43pac
Client Sample Name:	157-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241237		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Bis(2-ethylhexyl)phthalate	e, 117-81-7	480 B	Diisobutyl phthalate	, 84-69-5	150



### **COA Report**



Client Sample Name: 168-WB	168-WB		MASV15 -1530 analyte method	d
FSES Sample ID: A241238	A241238		08/12/24	
Client location:		Matrix:	Passive Sampling Device - Per	rsonal
Chemical Name	Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96-76-4	200 B	Citral B, 5392-40-5		1600
4-chloro-3,5-dimethylphenol, 88-04-0	250	Di-n-butyl phthalate	, 84-74-2	970 B
a-lonone, 127-41-3	310	Diethyl phthalate, 8	4-66-2	410
b-Ionone, 79-77-6	14000	Diisobutyl phthalate	e, 84-69-5	560
Benzophenone, 119-61-9	160	Ethylene brassylate	e (Musk NN), 105-95-3	8600
Benzyl benzoate, 120-51-4	1200	Galaxolide, 1222-0	5-5	6600
benzyl salicylate, 118-58-1	4500	Linalool, 78-70-6		4400
Bis(2-ethylhexyl)phthalate, 117-81-7	2500 B	Tonalide, 1506-02-	1, 21145-77-7	490
Butyl benzyl phthalate, 85-68-7	880	Tris(2-butoxyethyl)	phosphate, 78-51-3	1400
Citral A, 5392-40-5	1600			



## COA Report



Client Sample Name:	168-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241239		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Persor	al
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
b-Ionone, 79-77-6		120	Ethylene brassylate	(Musk NN), 105-95-3	2200
benzyl salicylate, 118-58-	-1	2300	Galaxolide, 1222-0	5-5	76 J
Bis(2-ethylhexyl)phthalate	e, 117-81-7	200 B	hydroxy-citronellal,	107-75-5	600
Di-n-butyl phthalate, 84-7	<b>'</b> 4-2	200 B	Linalool, 78-70-6		620



## **COA Report**



Offiversity					. Azbien.
Client Sample Name:	80-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241240		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Bis(2-ethylhexyl)phthalat	te, 117-81-7	630 B	Diethyl phthalate, 8	4-66-2	57 J
Di-n-butyl phthalate, 84-	74-2	10 JB	Diisobutyl phthalate	e, 84-69-5	140



## **COA Report**



Client Sample Name:	80-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241241		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	25 JB	Caffeine, 58-08-2		2000
Benzophenone, 119-61-9	)	62 J	Di-n-butyl phthalate	, 84-74-2	2600 B
Bis(2-ethylhexyl)phthalate	e, 117-81-7	73000 B	Di-n-nonyl phthalate	e, 84-76-4	310
Butyl benzyl phthalate, 85	5-68-7	280	Diisobutyl phthalate	e, 84-69-5	2300



## **COA Report**



Client Sample Name:	102-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241242		Date Received:	08/12/24	
Client location:				Passive Sampling Device - Persona	al
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	31 JB	Diethyl phthalate, 8	4-66-2	400
benzyl salicylate, 118-58-	-1	1100	Diisobutyl phthalate	e, 84-69-5	4700
Bis(2-ethylhexyl)phthalate	e, 117-81-7	30000 B	Ethylene brassylate	e (Musk NN), 105-95-3	6100
Butyl benzyl phthalate, 85	5-68-7	350	Galaxolide, 1222-0	5-5	580
Caffeine, 58-08-2		2200	lilial, 80-54-6		210
Di-n-butyl phthalate, 84-7	74-2	6600 B	TPP, 115-86-6		88 J



## **COA Report**



Offiversity					Asbien
Client Sample Name:	102-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241243		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Bis(2-ethylhexyl)phthalat	te, 117-81-7	460 B	naphthalene, 91-20	-3	15 J
Linalool, 78-70-6		340			



## **COA Report**



Offiversity					Asbleis.
Client Sample Name:	180-N		Test Method:	Test Method: MASV15 -1530 analyte method	
FSES Sample ID:	A241244		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	)-12-0	10 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	83 JB
2,4-bis(alpha,alpha-dime	ethylbenzyl)phenol, 2772-45-4	39 J	Diethyl phthalate, 8	4-66-2	80 J
2,4-di-tert-butylphenol, 9	6-76-4	68 JB	Diisobutyl phthalate	e, 84-69-5	40 J



## **COA Report**



Client Sample Name:	180-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241245		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	9 J	Caffeine, 58-08-2		460
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	34 J	Di-n-butyl phthalate	e, 84-74-2	2300 B
2,4-di-tert-butylphenol, 96	6-76-4	58 JB	Diethyl phthalate, 8	4-66-2	1500
benzyl salicylate, 118-58	-1	530	Diisobutyl phthalate	e, 84-69-5	670
Bis(2-ethylhexyl)phthalat	e, 117-81-7	6800 B	Ethylene brassylate	e (Musk NN), 105-95-3	150 J
Butyl benzyl phthalate, 8	5-68-7	62 J	N,N-Diethyl-m-tolua	amide, 134-62-3	130 J



# COA Report



Client Sample Name:	54-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241246		Date Received:		
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	7 J	Diisobutyl phthalate	e, 84-69-5	36000
2,4-di-tert-butylphenol, 96	6-76-4	410 B	Ethylene brassylate	e (Musk NN), 105-95-3	190 J
Benzophenone, 119-61-9	)	200	Galaxolide, 1222-0	5-5	180
Benzothiazole, 95-16-9		210	N,N-Diethyl-m-tolua	amide, 134-62-3	2800
Benzyl benzoate, 120-51	-4	710	Permethrin, 52645-	53-1	160
benzyl salicylate, 118-58	-1	92 J	Permethrin II, 6194	9-76-6	220
Bis(2-ethylhexyl)phthalat	e, 117-81-7	51000 B	Pyrimethanil, 53112	2-28-0	180
Butyl benzyl phthalate, 8	5-68-7	290	TCPP, 26248-87-3		110 J
Di-n-butyl phthalate, 84-7	74-2	1600 B	Tris(2-butoxyethyl)	phosphate, 78-51-3	1500
Diethyl phthalate, 84-66-2	2	960			



## **COA Report**



Offiversity					Asbien
Client Sample Name:	54-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241247		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Bis(2-ethylhexyl)phthala	te, 117-81-7	90 JB	N,N-Diethyl-m-tolua	amide, 134-62-3	140 J
Diisobutyl phthalate, 84-	69-5	380			



# COA Report



Client Sample Name: 104-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A241248		Date Received: 08/12/24		
Client location:		Matrix: Passive Sampling Device - Per	sonal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
2,4-di-tert-butylphenol, 96-76-4	120 B	Diethyl phthalate, 84-66-2	910	
b-citronellol, 106-22-9	280	Diisobutyl phthalate, 84-69-5	20000	
Benzophenone, 119-61-9	310	Ethylene brassylate (Musk NN), 105-95-3	4500	
Benzothiazole, 95-16-9	330	Galaxolide, 1222-05-5	1000	
Benzyl benzoate, 120-51-4	1000	lilial, 80-54-6	250	
benzyl salicylate, 118-58-1	1900	N,N-Diethyl-m-toluamide, 134-62-3	280	
Bis(2-ethylhexyl)phthalate, 117-81-7	340 B	Tonalide, 1506-02-1, 21145-77-7	60 J	
Caffeine, 58-08-2	2400	TPP, 115-86-6	90 J	
Di-n-butyl phthalate, 84-74-2	3300 B			



## **COA Report**



Client Sample Name:	104-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241249		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzophenone, 119-61-9	9	29 J	Diethyl phthalate, 8	4-66-2	130
Bis(2-ethylhexyl)phthalate	e, 117-81-7	1600 B	Diisobutyl phthalate	e, 84-69-5	360
Butyl benzyl phthalate, 8	5-68-7	92 J	Linalool, 78-70-6		280
Di-n-butyl phthalate, 84-7	74-2	160 B	METHYL 2-OCTYN	IOATE, 111-12-6	< 250 U



## COA Report



Client Sample Name:	100-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241250		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	12-0	19 J	Di-n-butyl phthalate	e, 84-74-2	3500 B
2,4-di-tert-butylphenol, 96	6-76-4	92 JB	Diethyl phthalate, 8	4-66-2	630
anthracene, 120-12-7		52	Diisobutyl phthalate	e, 84-69-5	2300
Benzophenone, 119-61-9		180	Dimethyl phthalate,	131-11-3	700
Benzothiazole, 95-16-9		490	N,N-Diethyl-m-tolua	amide, 134-62-3	480
Benzyl benzoate, 120-51-	-4	140	Permethrin, 52645-	53-1	390
Bis(2-ethylhexyl)phthalate	e, 117-81-7	67000 B	Permethrin II, 6194	9-76-6	410
Caffeine, 58-08-2		1700	TCPP, 26248-87-3		670



## **COA Report**



Offiversity					Asples
Client Sample Name:	100-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241251		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Bis(2-ethylhexyl)phthalate	e, 117-81-7	300 B	Diisobutyl phthalate	e, 84-69-5	62 J
Di-n-butyl phthalate, 84-7	<b>'</b> 4-2	250 B			



## **COA Report**



Client Sample Name: 131-N	I	Test Method:	MASV15 -1530 analyte method
FSES Sample ID: A2412	252	Date Received:	08/12/24
Client location:		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentr (ng/Wrist		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	22 J	Di-n-butyl phthalate	, 84-74-2 740 B
2,4-di-tert-butylphenol, 96-76-4	120 B	Diethyl phthalate, 8	4-66-2 830
3-Chloroaniline, 108-42-9	< 100 U	Diisobutyl phthalate	, 84-69-5
Benzophenone, 119-61-9	67 J	naphthalene, 91-20	-3 82
Bis(2-ethylhexyl)phthalate, 117	-81-7 450 B		



### **COA Report**



Client Sample Name: 13	131-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A2	A241253		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12	2-0	16 J	Di-n-nonyl phthalate	e, 84-76-4	520
2,4-di-tert-butylphenol, 96-76	6-4	110 B	Diethyl phthalate, 8	4-66-2	2800
b-citronellol, 106-22-9		130 J	Diisobutyl phthalate	e, 84-69-5	1400
Benzophenone, 119-61-9		380	Dimethyl phthalate,	131-11-3	200
Benzothiazole, 95-16-9		400	Galaxolide, 1222-0	5-5	110
Benzyl benzoate, 120-51-4		120	Linalool, 78-70-6		180
Bis(2-ethylhexyl)phthalate, 1	117-81-7	390 B	N,N-Diethyl-m-tolua	amide, 134-62-3	72 J
Butyl benzyl phthalate, 85-68	8-7	180 J	naphthalene, 91-20	-3	52
Caffeine, 58-08-2		2500	TCPP, 26248-87-3		880
Di-n-butyl phthalate, 84-74-2	2	4800 B	TPP, 115-86-6		98 J



## **COA Report**



Client Sample Name:	51-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241254		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Pers	onal
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96	6-76-4	220 B	Di-n-nonyl phthalate	e, 84-76-4	180
Bis(2-ethylhexyl)phthalate	e, 117-81-7	82000 B	Diethyl phthalate, 8	4-66-2	270
Butyl benzyl phthalate, 8	5-68-7	310	Diisobutyl phthalate	e, 84-69-5	2500
Caffeine, 58-08-2		1400	N,N-Diethyl-m-tolua	amide, 134-62-3	85 J
Citral A, 5392-40-5		310	TCPP, 26248-87-3		140 J
Di-n-butyl phthalate, 84-7	74-2	1800 B			



## **COA Report**



Offiversity					, Asbash,
Client Sample Name:	51-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241255		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 9	6-76-4	86 JB	Di-n-butyl phthalate	, 84-74-2	160 B
Bis(2-ethylhexyl)phthalat	e, 117-81-7	540 B	Diethyl phthalate, 8	4-66-2	120



## **COA Report**



Client Sample Name:	179-WB		Test Method:	MASV15 -1530 analyte method	od
FSES Sample ID:	A241256		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - P	ersonal
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-	-12-0	11 J	Butyl benzyl phthala	ate, 85-68-7	93 J
2,4-di-tert-butylphenol, 96	6-76-4	140 B	Caffeine, 58-08-2		360
anthracene, 120-12-7		46 J	Di-n-butyl phthalate	e, 84-74-2	2100 B
Benzothiazole, 95-16-9		150	Diethyl phthalate, 8	4-66-2	1800
benzyl salicylate, 118-58-	-1	660	Diisobutyl phthalate	e, 84-69-5	710
Bis(2-ethylhexyl)phthalate	e, 117-81-7	3000 B	N,N-Diethyl-m-tolua	amide, 134-62-3	140 J



## **COA Report**



Client Sample Name:	179-N		Test Method:	Test Method: MASV15 -1530 analyte method		
FSES Sample ID:	A241257		Date Received:	08/12/24		
Client location:			Matrix:	Passive Sampling Device - Personal		
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)	
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	26 J	Di-n-butyl phthalate	, 84-74-2	250 B	
Benzophenone, 119-61-9	)	45 J	Diethyl phthalate, 8	4-66-2	130	
Bis(2-ethylhexyl)phthalate	e, 117-81-7	110 JB	Diisobutyl phthalate	, 84-69-5	48 J	



## COA Report



Client Sample Name: 15	154-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID: A	241258		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12	2-0	31 J	Ethylene brassylate	(Musk NN), 105-95-3	870
2,4-di-tert-butylphenol, 96-7	76-4	4 JB	fluorene, 86-73-7		13 J
Bis(2-ethylhexyl)phthalate,	117-81-7	1400 B	Galaxolide, 1222-05	5-5	15000
Butyl benzyl phthalate, 85-6	68-7	64 J	naphthalene, 91-20	-3	53
butylated hydroxytoluene, 1	128-37-0	8 J	Tonalide, 1506-02-	1, 21145-77-7	8600
Diethyl phthalate, 84-66-2		240			



### **COA Report**



Client Sample Name: 15	154-WB		Test Method: MASV15 -1530 analyte method		
FSES Sample ID: A2	A241259		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-12	2-0	47 J	Diisobutyl phthalate	, 84-69-5	5100
2,4-di-tert-butylphenol, 96-7	76-4	400 B	Ethylene brassylate	(Musk NN), 105-95-3	22000
acenaphthene, 83-32-9		140	fluoranthene, 206-4	4-0	40 J
b-lonone, 79-77-6		450	fluorene, 86-73-7		120
Benzophenone, 119-61-9		340	Galaxolide, 1222-05	5-5	56000
Benzyl benzoate, 120-51-4		43000	lilial, 80-54-6		320
benzyl salicylate, 118-58-1		5000	N,N-Diethyl-m-tolua	mide, 134-62-3	430
Bis(2-ethylhexyl)phthalate,	117-81-7	42000 B	phenanthrene, 85-0	11-8	440
Butyl benzyl phthalate, 85-6	68-7	510	Piperonyl butoxide,	51-03-6	11000
Caffeine, 58-08-2		1800	Pyrene, 129-00-0		110
Coumarin, 91-64-5		2400	TCPP, 26248-87-3		590
Di-n-butyl phthalate, 84-74-	2	6400 B	Tonalide, 1506-02-	1, 21145-77-7	22000
Diethyl phthalate, 84-66-2		14000	TPP, 115-86-6		330



### **COA Report**



Client Sample Name: 144-WB		Test Method: MASV15 -1530 analyte method	d
FSES Sample ID: A241260		Date Received: 08/12/24	
Client location:		Matrix: Passive Sampling Device - Per	sonal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 96-76-4	450 B	Dimethyl phthalate, 131-11-3	1000
anthracene, 120-12-7	560	Ethylene brassylate (Musk NN), 105-95-3	4800
Benzophenone, 119-61-9	1200	Galaxolide, 1222-05-5	3400
Benzyl benzoate, 120-51-4	6000	N,N-Diethyl-m-toluamide, 134-62-3	290
benzyl salicylate, 118-58-1	4000	Pyrene, 129-00-0	250
Butyl benzyl phthalate, 85-68-7	270	TCEP, 115-96-8	150 J
Di-n-butyl phthalate, 84-74-2	4400 B	TCPP, 26248-87-3	1000
Diethyl phthalate, 84-66-2	2900	Tonalide, 1506-02-1, 21145-77-7	180
Diisobutyl phthalate, 84-69-5	22000	TPP, 115-86-6	75 J



## **COA Report**



Onversity			T		. Azbiei.
Client Sample Name:	144-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241261		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
Benzothiazole, 95-16-9		180	Diethyl phthalate, 8	4-66-2	160
Bis(2-ethylhexyl)phthalate	e, 117-81-7	500 B	Diisobutyl phthalate	, 84-69-5	500
Di-n-butyl phthalate, 84-7	'4-2	14 JB	Galaxolide, 1222-05	5-5	100



## **COA Report**



Client Sample Name:	165-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241262		Date Received:	08/12/24	
Client location:	ition:		Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
b-citronellol, 106-22-9		760	Diethyl phthalate, 8	4-66-2	120
Benzophenone, 119-61-9	)	160	Ethylene brassylate	e (Musk NN), 105-95-3	230 J
benzyl salicylate, 118-58	-1	1100	Galaxolide, 1222-0	5-5	2400
Bis(2-ethylhexyl)phthalate	e, 117-81-7	82 JB	Linalool, 78-70-6		1200
Di-n-butyl phthalate, 84-7	<b>7</b> 4-2	990 B			



COA Report



Client Sample Name:	165-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241263		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	670	Coumarin, 91-64-5		1000
2,4-di-tert-butylphenol, 96	6-76-4	140 B	Di-n-butyl phthalate	, 84-74-2	18000 B
4-methoxyphenol, 150-76	6-5	200 J	Diethyl phthalate, 8	4-66-2	620
4-tert-butylphenol, 98-54	-4	3600	Diisobutyl phthalate	e, 84-69-5	3000
b-citronellol, 106-22-9		1500	Ethylene brassylate	e (Musk NN), 105-95-3	16000
b-Ionone, 79-77-6		1700	Galaxolide, 1222-05	5-5	63000
Benzophenone, 119-61-9	)	1400	lilial, 80-54-6		1100
Benzyl alcohol, 100-51-6		410	Linalool, 78-70-6		1700
Benzyl benzoate, 120-51	-4	27000	N,N-Diethyl-m-tolua	amide, 134-62-3	700
benzyl salicylate, 118-58	-1	71000 J	Tonalide, 1506-02-	1, 21145-77-7	1600
Bis(2-ethylhexyl)phthalat	e, 117-81-7	24000 B	TPP, 115-86-6		170 J
Butyl benzyl phthalate, 8	5-68-7	200 J			



COA Report



Client Sample Name:			Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:			Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Perso	nal
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	250	Dimethyl phthalate,	131-11-3	300
2,4-di-tert-butylphenol, 96	6-76-4	130 B	Ethylene brassylate	e (Musk NN), 105-95-3	2700
Benzophenone, 119-61-9		600	Galaxolide, 1222-0	5-5	1000
Benzothiazole, 95-16-9		600	lilial, 80-54-6		270
Benzyl benzoate, 120-51	-4	1300	Linalool, 78-70-6		950
benzyl salicylate, 118-58-	-1	1000	N,N-Diethyl-m-tolua	amide, 134-62-3	1200
Bis(2-ethylhexyl)phthalate	e, 117-81-7	25000 B	naphthalene, 91-20	-3	1100
Butyl benzyl phthalate, 85	5-68-7	360	TCPP, 26248-87-3		790
Caffeine, 58-08-2		600	Tonalide, 1506-02-	1, 21145-77-7	55 J
Di-n-butyl phthalate, 84-7	<b>'</b> 4-2	10000 B	TPP, 115-86-6		250 J
Diethyl phthalate, 84-66-2	2	1000	Tri-p-tolyl phosphat	e, 78-32-0	260
Diisobutyl phthalate, 84-6	69-5	9200	Tris(2-butoxyethyl)	phosphate, 78-51-3	2100



## **COA Report**



Client Sample Name:	105-N		Test Method: MASV15 -1530 analyte method		·
FSES Sample ID:	A241265	A241265		08/12/24	
Client location:			Matrix:	Passive Sampling Device - Persona	I
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
I-methylnaphthalene, 90-	-12-0	8 J	N,N-Diethyl-m-tolua	mide, 134-62-3	78 J
Benzothiazole, 95-16-9		180	naphthalene, 91-20	-3	2500
Diisobutyl phthalate, 84-6	69-5	240	p-toluidine, 106-49-	0	81 J
Ethylene brassylate (Mus	sk NN), 105-95-3	160 J			



### **COA Report**



Client Sample Name: 18			Test Method:	: MASV15 -1530 analyte method	
FSES Sample ID: A			Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	ı
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90-1	2-0	14 J	Di-n-butyl phthalate	e, 84-74-2	2800 B
2,6-dimethylnaphthalene, 5	81-42-0	13 J	Di-n-nonyl phthalate	e, 84-76-4	1000
2-isopropylphenol, 88-69-7		460	Diethyl phthalate, 8	4-66-2	1300
Benzophenone, 119-61-9		170	Diisobutyl phthalate	e, 84-69-5	3900
Benzothiazole, 95-16-9		300	Ethylene brassylate	e (Musk NN), 105-95-3	770
Benzyl benzoate, 120-51-4		720	Galaxolide, 1222-0	5-5	900
benzyl salicylate, 118-58-1		2200	N,N-Diethyl-m-tolua	amide, 134-62-3	420
Bis(2-ethylhexyl)phthalate,	117-81-7	17000 B	Tonalide, 1506-02-	1, 21145-77-7	11 J
Butyl benzyl phthalate, 85-6	68-7	730	TPP, 115-86-6		25000
Caffeine, 58-08-2		5200			



## **COA Report**



Offiversity					Asbleis.
Client Sample Name:	188-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241267		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	)-12-0	7 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	99 JB
Benzothiazole, 95-16-9		140 J			



## **COA Report**



Client Sample Name:	117-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241268		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	6 J	Diethyl phthalate, 8	4-66-2	130
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	11 J	Diisobutyl phthalate	, 84-69-5	110
Bis(2-ethylhexyl)phthalate	e, 117-81-7	84 JB	N,N-Diethyl-m-tolua	mide, 134-62-3	2400



### **COA Report**



Client Sample Name:	: 117-WB		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241269		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
2,4-di-tert-butylphenol, 9	6-76-4	29 JB	Di-n-butyl phthalate	e, 84-74-2	1600 B
amyl cinnamal, 122-40-7		120 J	Diethyl phthalate, 8	4-66-2	630
Benzophenone, 119-61-9	9	170	Diisobutyl phthalate	e, 84-69-5	830
Benzyl benzoate, 120-51	-4	590	Ethylene brassylate	e (Musk NN), 105-95-3	710
benzyl salicylate, 118-58	-1	1300	Galaxolide, 1222-0	5-5	910
Bis(2-ethylhexyl)phthalat	e, 117-81-7	27000 B	lilial, 80-54-6		360
Butyl benzyl phthalate, 8	5-68-7	340	TCPP, 26248-87-3		170 J
Caffeine, 58-08-2		5800	Tonalide, 1506-02-	1, 21145-77-7	120
Coumarin, 91-64-5		150 J			



### **COA Report**



Client Sample Name: 90-WB	'		thod
FSES Sample ID: A241270			
Client location:		Matrix: Passive Sampling Device -	Personal
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)
1-methylnaphthalene, 90-12-0	21 J	Caffeine, 58-08-2	1200
2,4-bis(alpha,alpha-dimethylbenzyl)phenol, 2772-45-4	97 J	Di-n-butyl phthalate, 84-74-2	3000 B
Benzophenone, 119-61-9	320	Di-n-nonyl phthalate, 84-76-4	950
Benzothiazole, 95-16-9	320	Diethyl phthalate, 84-66-2	680
Benzyl benzoate, 120-51-4	360	Diisobutyl phthalate, 84-69-5	830
benzyl salicylate, 118-58-1	81 J	Dimethyl phthalate, 131-11-3	160
Biphenyl, 92-52-4	230	N,N-Diethyl-m-toluamide, 134-62-3	80 J
Bis(2-ethylhexyl)phthalate, 117-81-7	36000 B	TPP, 115-86-6	140 J
Butyl benzyl phthalate, 85-68-7	560		



## **COA Report**



Client Sample Name:	90-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241271		Date Received:	08/12/24	
Client location:				Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	-12-0	12 J	Bis(2-ethylhexyl)ph	thalate, 117-81-7	180 B
2,4-bis(alpha,alpha-dime	thylbenzyl)phenol, 2772-45-4	23 J	Di-n-butyl phthalate	, 84-74-2	57 JB
Benzophenone, 119-61-9	)	36 J	Diethyl phthalate, 8	4-66-2	86 J
Biphenyl, 92-52-4		88			



## **COA Report**



University					Asbiew
Client Sample Name:	166-N		Test Method:	MASV15 -1530 analyte method	
FSES Sample ID:	A241272		Date Received:	08/12/24	
Client location:			Matrix:	Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/Wristband)	Chemical Name		Concentration (ng/Wristband)
1-methylnaphthalene, 90	1-12-0	15 J	Diethyl phthalate, 8	4-66-2	170
Bis(2-ethylhexyl)phthalat	e, 117-81-7	10 JB	N,N-Diethyl-m-tolua	amide, 134-62-3	49 J



### **COA Report**



Client Sample Name: 166-WB  FSES Sample ID: A241273		Test Method: MASV15 -1530 analyte method		
		Date Received: 08/12/24		
Client location:		Matrix: Passive Sampling Device - Pe	ersonal	
Chemical Name	Concentration (ng/Wristband)	Chemical Name	Concentration (ng/Wristband)	
1-methylnaphthalene, 90-12-0	25 J	Diethyl phthalate, 84-66-2	2000	
2,4-bis(alpha,alpha-dimethylbenzyl)phenol, 2772-45-4	80 J	Diisobutyl phthalate, 84-69-5	2200	
acenaphthene, 83-32-9	35 J	Ethylene brassylate (Musk NN), 105-95-3	1300	
anthracene, 120-12-7	130	fluorene, 86-73-7	30 J	
Benzophenone, 119-61-9	630	Galaxolide, 1222-05-5	1500	
Benzyl benzoate, 120-51-4	1600	lilial, 80-54-6	1400	
benzyl salicylate, 118-58-1	590	Linalool, 78-70-6	200	
Bis(2-ethylhexyl)phthalate, 117-81-7	93000 B	N,N-Diethyl-m-toluamide, 134-62-3	540	
Butyl benzyl phthalate, 85-68-7	560	naphthalene, 91-20-3	36 J	
Caffeine, 58-08-2	730	TCPP, 26248-87-3	510	
Cyfluthrin II, 68359-37-5	980	Tonalide, 1506-02-1, 21145-77-7	14 J	
Di-n-butyl phthalate, 84-74-2	3200 B	TPP, 115-86-6	100 J	
Di-n-nonyl phthalate, 84-76-4	370	Tris(2-butoxyethyl) phosphate, 78-51-3	1100	
Di-n-octyl phthalate, 117-84-0	12000			



Project#: F24-22: MyExposome PO 259



#### Table 2: Compound Isomers

Compund	Alternative Isomers
1,2- dimethylnaphthalene	2-Ethylnaphthalene,2,6-dimethylnaphthalene,1,6-dimethylnaphthalene,1,4-dimethylnaphthalene,1,5-dimethylnaphthalene
1,6- dimethylnaphthalene	2-Ethylnaphthalene,2,6-dimethylnaphthalene,1,4-dimethylnaphthalene,1,2-dimethylnaphthalene,1,5-dimethylnaphthalene
1-methylnaphthalene	2-methylnaphthalene
2,4-Dichlorophenol	2,5-dichlorophenol,2,6-Dichlorophenol
2,4-di-tert-butylphenol	Cashmeran,lilial
2,6- dimethylnaphthalene	2-Ethylnaphthalene,1,6-dimethylnaphthalene,1,4-dimethylnaphthalene,1,2-dimethylnaphthalene,1,5-dimethylnaphthalene
2-isopropylphenol	2,4,6-trimethylphenol,4-isopropylphenol,2-propylphenol,2,3,6-trimethylphenol,2,3,5-trimethylphenol
2-methylnaphthalene	1-methylnaphthalene
2-methylphenanthrene	2-methylanthracene,1-methylphenanthrene
3-Chloroaniline	2-chloroaniline,4-Chloroaniline
4-Chlorophenol	3-chlorophenol
4-methoxyphenol	3-methoxyphenol
4-Methylphenol	benzyl alcohol,2-Methylphenol,m-Cresol
4-tert-butylphenol	Carvone,2-sec-butylphenol,Thymol,3-tert-butylphenol,Promecarb artifact [5-isopropyl-3-methylphenol],4-butylphenol
a-lonone	b-ionone
Anisyl alcohol	4-ethoxyphenol
anthracene	phenanthrene
Benzyl alcohol	2-Methylphenol,4-Methylphenol,m-Cresol
b-lonone	a-ionone
Carvone	2-sec-butylphenol,Thymol,3-tert-butylphenol,4-tert-butylphenol,Promecarb artifact [5-isopropyl-3-methylphenol]
Cashmeran	2,4-di-tert-butylphenol,lilial
Citral A	Citral B
Citral B	Citral A
Cyfluthrin II	Cyfluthrin I,Cyfluthrin III,Cyfluthrin IV
Galaxolide	Traseolide, Tonalide
lilial	Cashmeran,2,4-di-tert-butylphenol
Methoprene II	Bioallethrin S-cyclopentenyl isomer,Bioallethrin
Permethrin	Permethrin II
Permethrin II	Permethrin
phenanthrene	anthracene
Prallethrin, cis-	Prallethrin, trans-
p-toluidine	o-toluidine,m-toluidine

Docusign Envelope ID: 4B28589A-86EF-4F27-B996-AE6E4949E9E5



## **COA Report**

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Thymol	Carvone,2-sec-butylphenol,3-tert-butylphenol,4-tert-butylphenol,Promecarb artifact [5-isopropyl-3-methylphenol],4-butylphenol
Tonalide	Traseolide, Galaxolide
Tricresylphosphate, meta-	Tricresylphosphate, ortho-,Tri-p-tolyl phosphate
Tri-p-tolyl phosphate	Tricresylphosphate, ortho-,Tricresylphosphate, meta-



Project#: F24-22:

MyExposome PO

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#### Appendix A: All compounds and their classifications

\* Data taken from World Health Organization (WHO) International Agency for Research on Cancer (IARC) Agents Classified by the IARC Monographs, Volumes 1–118, last updated 3/1/2017

Groups are indicated by the Group and year classified, e.g. 2B(1999), for more info visit http://fses.oregonstate.edu/who-iarc

- Group 1: Carcinogenic to humans
- · Group 2A: Probably carcinogenic to humans
- Group 2B: Probably carcinogenic to humans
- Group 3: Not classifiable as to its carcinogenicity to humans
- Group 4: Probably not carcinogenic to humans
- \*\* Data taken from the United States Environmental Protection Agency (EPA) Integrated Risk Information System (IRIS), last updated on 5/1/2017,

for more info visit http://fses.oregonstate.edu/epa-iris

\*\*\* Data taken from State of California Environmental Protection Agency (Cal/EPA) Chemicals Known to the State to Cause Cancer or Reproductive Toxicity, last updated 3/1/2017,

for more info visit http://fses.oregonstate.edu/cal-epa

Compound	CAS#	CAS # Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
(2,3-Dibromopropyl) (2,4,6-tribromophenyl) ether	35109-60-5	Flame Retardant	-	-	-	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	Dioxins/Furans	-	-	-	
1,2,3,4,6,7,8,9- Octachlorodibenzofuran	39001-02-0	Dioxins/Furans	-	-	-	
1,2,3,4,6,7,8-Heptachlorodibenzo-p- dioxin	35822-46-9	Dioxins/Furans	-	-	-	
1,2,3,4,6,7,8- Heptachlorodibenzofuran	38998-75-3	Dioxins/Furans	-	-	-	
1,2,3,4,6,7,9-Heptachlorodibenzo-p- dioxin	58200-70-7	Dioxins/Furans	-	-	-	
1,2,3,4,6,7-Hexachlorodibenzo-p-dioxin	58200-66-1	Dioxins/Furans	-	-	-	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	Dioxins/Furans,	-	-	-	
1,2,3,4,7,8-Hexachlorodibenzofuran	55684-94-1	Dioxins/Furans	-	-	-	
1,2,3,4,7-Pentachlorodibenzo-p- dioxin	39227-61-7	Dioxins/Furans,	-	-	-	
1,2,3,4-Tetrachlorodibenzo-p-dioxin	30746-58-8	Dioxins/Furans,	-	-	-	
1,2,3,4-Tetrachlorodibenzofuran	24478-72-6	Dioxins/Furans	-	-	-	
1,2,3,6,7,8-Hexachlorodibenzo-p- dioxin	57653-85-7	Dioxins/Furans	-	Carcinogenicity Assessment: Yes (Last revised: 03- 31-1987)	-	
1,2,3,7,8,9-Hexachlorodibenzo-p- dioxin	19408-74-3	Dioxins/Furans	-	-	-	
1,2,3,7,8-Pentachlorodibenzo-p- dioxin	40321-76-4	Dioxins/Furans,	-	-	-	
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	Dioxins/Furans,	-	-	-	
1,2,3,8,9-Pentachlorodibenzo-p- dioxin	71925-18-3	Dioxins/Furans	-	-	-	
1,2,3-Trichlorodibenzo-p-dioxin	54536-17-3	Dioxins/Furans	-	-	-	
1,2,4,6,7,9/1,2,4,6,8,9- Hexachlorodibenzo-p-dioxin	39227-62-8	Dioxins/Furans	-	-	-	
1,2,4,6,8/1,2,4,7,9- Pentachlorodibenzo-p-dioxin	71998-76-0	Dioxins/Furans	-	-	-	





Compound	CAS # Classification		Risk			
<u>'</u>			WHO IARC *	EPA IRIS**	Cal/EPA***	
1,2,4,7,8-Pentachlorodibenzo-p-	58802-08-7	Dioxins/Furans,	WHOTARO	LIAINO	JOAI/EI A	
dioxin	30002-00-7	Dioxilis/Fulaits,		Ī	-	
1,2,4-Trichlorobenzene	120-82-1	Insecticide, Industrial	-	Oral RfD Assessment: Yes (Last revised: 05- 01-1992), Carcinogenicity Assessment: Yes (Last revised: 06- 01-1989)	-	
1,2,4-Trichlorodibenzo-p-dioxin	39227-58-2	Dioxins/Furans,	-	-	-	
1,2,5,6,9,10- Hexabromocyclododecane	3194-55-6	Flame Retardant	-	-	-	
1,2,6,7-Tetrachlorodibenzo-p-dioxin	41903-57-5	Dioxins/Furans	-	-	-	
1,2,6,8-Tetrachlorodibenzo-p-dioxin	67323-56-2	Dioxins/Furans	-	-	-	
1,2,7,8-Tetrachlorodibenzo-p-dioxin	34816-53-0	Dioxins/Furans	-	-	-	
1,2,8,9-Tetrachlorodibenzo-p-dioxin	62470-54-6	Dioxins/Furans	-	-	-	
1,2-Bis(2,4,6-	37853-59-1	Flame Retardant	-	-	-	
tribromophenoxy)ethane						
1,2-Dibromo-3-chloropropane	96-12-8	Fungicide, Insecticide	2B(1999)	Inhalation RfC Assessment: Yes (Last revised: 10- 01-1991).	cancer (7/1/1987) male (2/27/1987)	
1,2-Dibromo-4-(1,2- dibromoethyl)cyclohexane	3322-93-8	Flame Retardant,	-	-	-	
1,2-Dichlorodibenzo-p-dioxin	54536-18-4	Dioxins/Furans	-	-	-	
1,2-dimethylnaphthalene	573-98-8	PAH	-	-	-	
1,3,5-Tribromobenzene	626-39-1	Flame Retardant, Industrial	-	-	-	
1,3,6,8-Tetrachlorodibenzo-p-dioxin	33423-92-6	Dioxins/Furans	-	-	-	
1,3,6,8-Tetrachlorodibenzofuran	30402-14-3	Dioxins/Furans	-	-	-	
1,3,7,8-Tetrachlorodibenzo-p-dioxin	50585-46-1	Dioxins/Furans,	-	-	-	
1,3,7,9-Tetrachlorodibenzo-p-dioxin	62470-53-5	Dioxins/Furans	-	-	-	
1,3-Dichlorobenzene	541-73-1	Insecticide, Industrial,	3(1999)	Carcinogenicity Assessment: Yes (Last revised: 09- 01-1990)	-	
1,3-Dichlorodibenzo-p-dioxin	50585-39-2	Dioxins/Furans	-	-	-	
1,3-Dinitropyrene	75321-20-9	PAH	2B(2014)	-	cancer (11/2/2012)	
1,4-Anthraquinone	635-12-1	OPAH	-	-	-	
1,4-Dichlorodibenzo-p-dioxin	54536-19-5	Dioxins/Furans	-	-	-	
1,4-dimethylnaphthalene	571-58-4	PAH	-	-	-	
1,4-Dioxino(2,3,b,5,6,b')dipyridine	262-16-8	Dioxins/Furans	-	-	-	
1,4-Naphthoquinone	130-15-4	ОРАН	-	-	-	
1,5-dimethylnaphthalene	571-61-9	PAH	-	-	-	
1,6-Benzo(a)pyrene-quinone	3067-13-8	ОРАН	-	-	-	
1,6-Dichlorodibenzo-p-dioxin	38178-38-0	Dioxins/Furans	-	-	-	
1,6-dimethylnaphthalene	575-43-9	PAH	-	-	_	
1,6-Dinitropyrene	42397-64-8	PAH	2B(2014)	-	cancer (10/1/1990)	
1,7,8-Trichlorodibenzo-p-dioxin	82306-65-8	Dioxins/Furans	-	-	-	
1,8-dimethylnaphthalene	569-41-5	PAH	-	-	-	
		PAH	2B(2014)	_	cancer (10/1/1990)	
1.6-DINIIODVIENE	4/,39/-00-9				( 10/ 1/ 1000)	
1,8-Dinitropyrene  1-Chlorodibenzo-p-dioxin	42397-65-9 39227-53-7		-	-	<u> </u>	
1-Chlorodibenzo-p-dioxin 1-Hydroxynaphthalene	39227-53-7 90-15-3	Dioxins/Furans PAH, Industrial,	-	-	-	





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
1-methylphenanthrene	832-69-9	PAH	3(2010)	-	-
1-methylpyrene	2381-21-7	PAH,	-	-	-
1-Naphthylamine	134-32-7	Industrial	3(1987)	-	cancer (10/1/1989)
1-Nitronaphthalene	86-57-7	PAH, Industrial	3(1989)	-	-
1-Nitropyrene	5522-43-0	PAH	2A(2014)	-	cancer (10/1/1990)
17a-Ethynylestradiol	57-63-6	Pharmacological	-	-	cancer (1/1/1988)
2'-Hydroxy-2,4,4'-tribromodiphenyl ether	4656-58-0	Flame Retardant, PBDE	-	-	-
2'-Hydroxy-4-monobromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-
2'-Methoxy-2,4,4'-tribromodiphenyl ether	602326-13-6	Flame Retardant, PBDE	-	-	-
2,3,4,5-Tertrachloronitrobenzene	879-39-0	Fungicide, Industrial	-	-	-
2,3,4,5-Tetrachlorophenol	4901-51-3	General Pesticide,	-	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	Fungicide, Industrial, Pulp/Paper,	-	Oral RfD Assessment: Yes (Last revised: 03- 01-1988).	-
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	Dioxins/Furans,	1(2012)	-	-
2,3,4-Tribromophenol	138507-65-0	Flame Retardant,	-	-	-
2,3,4-Trichlorophenyl-4-nitrophenyl ether	142022-61-5	Industrial, Halo Ethers	-	-	-
2,3,5,6-Tetrachloro-p-terphenyl	61576-99-6	Flame Retardant, Industrial	-	-	-
2,3,5,6-Tetrachlorophenol	935-95-5	General Pesticide,	-	-	-
2,3,5-Trichlorophenol	933-78-8	Industrial,	-	-	-
2,3,5-Trichlorophenyl-4-nitrophenyl ether	142022-59-1	Industrial, Halo Ethers	-	-	-
2,3,5-Trimethacarb	2655-15-4	Insecticide	-	-	-
2,3,5-trimethylphenol	697-82-5	Personal Care, Industrial,	-	-	-
2,3,6-Trichloroanisole	50375-10-5	General Pesticide	-	-	-
2,3,6-Trichlorophenyl-4-nitrophenyl ether	142022-58-0	Industrial, Halo Ethers	-	-	-
2,3,6-trimethylphenol	2416-94-6	Industrial,	-	-	-
2,3,7,8-TCDD	1746-01-6	Industrial,	1(2012)	Oral RfD Assessment: Yes (Last revised: 02- 17-2012), Carcinogenicity Assessment: Message (Last revised: 02-17- 2012)	cancer (1/1/1988) developmental (4/1/1991)
2,3,7,8-Tetrabromodibenzo-p-dioxin	50585-41-6	Dioxins/Furans,	-	-	-
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	Industrial,	-	-	-
2,3,7-Trichlorodibenzo-p-dioxin	33857-28-2	Dioxins/Furans,	-	-	-
2,3-Dibromoanisole	95970-22-2	Industrial	-	-	-
2,3-Dibromophenol	57383-80-9	Flame Retardant,	-	-	-
2,3-Dichlorodibenzo-p-dioxin	29446-15-9	Dioxins/Furans	-	-	-
2,3-Dichlorophenyl-4-nitrophenyl ether	82239-20-1	Industrial, Halo Ethers	-	-	-
2,3-dimethylaniline	87-59-2	Industrial,	-	-	-
2,3-dimethylanthracene	613-06-9	PAH	-	-	-
2,3-xylenol	526-75-0	Industrial,	-	-	-
2,4'-DDD	53-19-0	Insecticide, Pharmacological,	-	-	-
2,4'-DDE	3424-82-6	Insecticide,	-	-	-





Compound	CAS # Classification	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
2,4'-DDT	789-02-6	Insecticide,	-	-	developmental, female, male (5/15/1998)	
2,4'-Dichlorobenzophenone (2,4'- Dicofol decomposition product)	85-29-0	General Pesticide	-	-	-	
2,4,5-T methyl ester	1928-37-6	Herbicide,	-	-	-	
2,4,5-Tribromoanisole	N/A	Industrial	-	-	-	
2,4,5-Trichloro-p-terphenyl	999008-03-6	Flame Retardant, Industrial	-	-	-	
2,4,5-Trichloroaniline	636-30-6	General Pesticide,	-	-	-	
2,4,5-Trichlorophenol	95-95-4	Fungicide, Herbicide, Industrial, Pulp/Paper,	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987), Inhalation RfC Assessment: Message (Last revised: 07-01- 1991),	-	
2,4,5-Trichlorophenyl-4-nitrophenyl ether	22532-68-9	Industrial, Halo Ethers	-	-	-	
2,4,5-Trimethylaniline	137-17-7	Industrial,	3(1987)		-	
2,4,6-Tribromoanisole	607-99-8	Industrial	-	-	-	
2,4,6-Tribromophenol	118-79-6	Flame Retardant,	-	-	-	
2,4,6-Tribromophenyl allyl ether	3278-89-5	Flame Retardant	-	-	-	
2,4,6-trichloroaniline	634-93-5	General Pesticide, Industrial,	-	-	-	
2,4,6-Trichloroanisole	87-40-1	General Pesticide	-	-	-	
2,4,6-Trichlorophenol	88-06-2	Fungicide, Herbicide, Industrial, Pulp/Paper,	2B(2019)	Inhalation RfC Assessment: Message (Last revised: 07-01- 1991). Carcinogenicity Assessment: Yes (Last revised: 06- 01-1990)	cancer (1/1/1988)	
2,4,6-triiodophenol	609-23-4	Industrial,	-	-	-	
2,4,6-trimethylphenol	527-60-6	Industrial,	-	-	-	
2,4,8-Trichlorodibenzofuran	54589-71-8	Dioxins/Furans	-	-	-	
2,4-bis(alpha,alpha- dimethylbenzyl)phenol	2772-45-4	Industrial,	-	-		
2,4-D methyl ester	1928-38-7	General Pesticide	-	-	-	
2,4-D sec-butyl ester	94-79-1	Herbicide	-	-	-	
2,4-DB methyl ester	18625-12-2	General Pesticide	-	-	-	
2,4-di-tert-amylphenol	120-95-6	Industrial,	-	-	-	
2,4-di-tert-butylphenol	96-76-4	Industrial,	-	-	-	
2,4-Dibromoanisole	21702-84-1	Industrial	-	-	-	
2,4-Dibromophenol	615-58-7	Flame Retardant,	-	-	-	
2,4-Dibromophenyl-4-nitrophenyl ether	2671-93-4	Industrial, Halo Ethers	-	-	-	
2,4-dichloro-3,5-dimethylphenol	133-53-9	Industrial,	-	-	-	
2,4-dichloroaniline	554-00-7	Industrial,	-	-	-	
2,4-Dichlorophenol	120-83-2	Fungicide, Herbicide, Industrial, Pulp/Paper,		Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	-	
2,4-Dichlorophenyl benzenesulfonate	97-16-5	General Pesticide	-	-	-	





Compound	CAS#	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
2,4-Dimethylaniline	95-68-1	Industrial,	3(1987)	-	-
2,4-Dimethylphenol	105-67-9	Pharmacological, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 11- 01-1990).	-
2,4-dinitroaniline	97-02-9	Industrial,	-	-	-
2,5-Dibromoanisole	95970-08-4	Industrial	-	-	-
2,5-Dibromophenol	28165-52-8	Flame Retardant,	-	-	-
2,5-dichloroaniline	95-82-9	Industrial,	-	-	-
2,5-dichlorophenol	583-78-8	Industrial,	-	-	-
2,5-Dichlorophenyl-4-nitrophenyl ether	39145-48-7	Industrial, Halo Ethers	-	-	-
2,5-dimethylaniline	95-78-3	Industrial,	3(1987)	-	-
2,5-dimethylphenol	95-87-4	Industrial,	-	-	-
2,6-di-tert-butyl-4-dimethylaminomethylphenol	88-27-7	Industrial,	-	-	-
2,6-Di-tert-butyl-4-ethylphenol	4130-42-1	Industrial,	-	-	-
2,6-Di-tert-butylphenol	128-39-2	Industrial,	-	-	-
2,6-dibromo-4-nitroaniline	827-94-1	Industrial,	-	-	-
2,6-Dibromoanisole	38603-09-7	Industrial	-	-	-
2,6-Dibromophenol	608-33-3	Flame Retardant,	-	-	-
2,6-Dichlorobenzamide	2008-58-4	Herbicide	-	-	-
2,6-Dichlorobenzonitrile	1194-65-6	Herbicide	-	-	-
2,6-Dichlorophenol	87-65-0	Industrial, Pulp/Paper,	-	-	-
2,6-Dichlorophenyl-4-nitrophenyl ether	2093-28-9	Industrial, Halo Ethers	-	-	-
2,6-Dichlorosyringaldehyde	76330-06-8	Industrial, Pulp/Paper	-	-	-
2,6-diethylaniline	579-66-8	Industrial,	-	-	-
2,6-diethylnaphthalene	59919-41-4	PAH	-	-	-
2,6-diisopropylaniline	24544-04-5	Industrial,	-	-	-
2,6-dimethoxyphenol	91-10-1	Industrial,	-	-	-
2,6-Dimethylaniline	87-62-7	Industrial,	2B(1993)	-	cancer (1/1/1991)
2,6-dimethylnaphthalene	581-42-0	PAH	-	-	-
2,6-dimethylphenol	576-26-1	Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09- 07-1988).	-
2,6-ditertbutyl-4-methoxyphenol	489-01-0	Industrial,	-	-	-
2,7-Dichlorodibenzo-p-dioxin	33857-26-0	Dioxins/Furans	-	-	-
2,8-Dichlorodibenzo-p-dioxin	38964-22-6	Dioxins/Furans,	-	-	-
2,8-Dichlorodibenzofuran	5409-83-6	Dioxins/Furans,	-	-	-
2-(1-methylbutyl)phenol	87-26-3	Industrial,	-	-	-
2-(1-naphthyl)acetamide	86-86-2	General Pesticide, PAH	-	-	-
2-(2-Butoxyethoxy)ethyl thiocyanate	112-56-1	Insecticide	-	-	-
2-(3-Chlorophenoxy)propionamide	5825-87-6	General Pesticide	-	-	-
2-(4-chlorophenyl)benzothiazole	6265-91-4	Industrial	-	-	-
2-(morpholinothio)benzothiazole	102-77-2	Industrial	-	-	-
2-(Octylthio)ethanol	3547-33-9	Insecticide	-	-	-
2-Amino-4-chlorophenol	95-85-2	Industrial,	2	-	cancer (9/13/2019
2-amino-p-cresol	95-84-1	Industrial,	-	-	-
2-aminophenol	95-55-6	Industrial,	-	-	_





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Compound	CAS#	Classification		Risk	sk	
			WHO IARC *	EPA IRIS**	Cal/EPA***	
2-benzothiazolyl sulfide	4074-77-5	Industrial	-	-	-	
2-bromo-4,6-dinitroaniline	1817-73-8	Industrial,	-	-	-	
2-Bromoanisole	578-57-4	Industrial	-	-	-	
2-bromophenol	95-56-7	Industrial,	-	-	-	
2-chloro-4,6-dinitroaniline	3531-19-9	Industrial,	-	-	-	
2-chloro-4-nitroaniline	121-87-9	Industrial,	-	-	-	
2-chloroaniline	95-51-2	Industrial,	-	-	-	
2-Chlorodibenzo-p-dioxin	39227-54-8	Dioxins/Furans	-	-	-	
2-chlorodibenzofuran	51230-49-0	Dioxins/Furans,	-	-	-	
2-Chlorophenol	95-57-8	General Pesticide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988).	-	
2-Chlorophenyl-4-nitrophenyl ether	2303-23-3	Industrial, Halo Ethers	-	-	-	
2-Chlorosyringaldehyde	76341-69-0	Industrial, Pulp/Paper	-	-	-	
2-ethoxyphenol	94-71-3	Industrial,	-	-	-	
2-Ethyl-1,3-hexanediol	94-96-2	Insecticide	-	-	-	
2-ethyl-6-methylaniline	24549-06-2	Industrial,	-	-	-	
2-ethylaniline	578-54-1	Industrial,	-	-	-	
2-ethylnaphthalene	939-27-5	PAH	-	-	-	
2-ethylphenol	90-00-6	Industrial,	-	-	-	
2-Hydroxyestradiol	362-05-0	Pharmacological	-	-	-	
2-isopropylaniline	643-28-7	Industrial,	-	-	-	
2-isopropylphenol	88-69-7	Industrial,	-	-	-	
2-Mercaptobenzothiazole	149-30-4	Industrial,	2A(2018)	-	cancer (10/27/2017)	
					(	
2-methoxy-4-methylphenol	93-51-6	Natural,	-	-	-	
	93-51-6 84-54-8	Natural, OPAH	-	-	-	
2-methyl-9,10-anthraquinone 2-methylanthracene		· ·	-	-	-	
2-methoxy-4-methylphenol 2-methyl-9,10-anthraquinone 2-methylanthracene 2-methylnaphthalene	84-54-8 613-12-7 91-57-6	OPAH PAH PAH, Industrial	-	Oral RfD Assessment: Yes (Last revised: 12-22-2003). Inhalation RfC Assessment: Discussion (Last revised: 12-22-2003). Carcinogenicity Assessment: Yes (Last revised: 12-22-2003)	-	
2-methyl-9,10-anthraquinone 2-methylanthracene 2-methylnaphthalene	84-54-8 613-12-7	OPAH PAH		Assessment: Yes (Last revised: 12- 22-2003). Inhalation RfC Assessment: Discussion (Last revised: 12-22- 2003). Carcinogenicity Assessment: Yes (Last revised: 12-	-	
2-methyl-9,10-anthraquinone 2-methylanthracene 2-methylnaphthalene  2-methylphenanthrene	84-54-8 613-12-7 91-57-6	OPAH PAH PAH, Industrial	-	Assessment: Yes (Last revised: 12- 22-2003). Inhalation RfC Assessment: Discussion (Last revised: 12-22- 2003). Carcinogenicity Assessment: Yes (Last revised: 12-	-	
2-methyl-9,10-anthraquinone 2-methylanthracene	84-54-8 613-12-7 91-57-6	OPAH PAH PAH, Industrial	1(2012)	Assessment: Yes (Last revised: 12-22-2003). Inhalation RfC Assessment: Discussion (Last revised: 12-22-2003). Carcinogenicity Assessment: Yes (Last revised: 12-22-2003) - Oral RfD Assessment: Yes (Last revised: 09-07-1988). Inhalation RfC Assessment: Message (Last revised: 04-01-1992). Carcinogenicity Assessment: Yes (Last revised: 04-01-1992). Carcinogenicity Assessment: Yes (Last revised: 09-08-10-10-10-10-10-10-10-10-10-10-10-10-10-		





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Compound	CAS#	Classification		Risk	Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***	
2-Nitroaniline	88-74-4	Industrial,	-	-	-	
2-Nitroanthracene	3586-69-4	PAH	-	-	-	
2-Nitrobiphenyl	86-00-0	Fungicide	-	-	-	
2-Nitrofluorene	607-57-8	PAH, Industrial	2B(2014)	-	cancer (10/1/1990)	
2-Nitronaphthalene	581-89-5	PAH, Industrial	3(1989)	-	-	
2-Nitrophenol	88-75-5	Industrial,	-	-	-	
2-Nitropyrene	789-07-1	PAH	3(1989)	-	-	
2-Phenoxypropionic acid	940-31-8	Pharmacological	-	-	-	
2-propylphenol	644-35-9	Industrial,	-	-	-	
2-sec-butylphenol	89-72-5	Industrial,	-	-	-	
3,3'-Dimethoxybenzidine	119-90-4	Industrial,	2B(1987)	-	cancer (1/1/1988)	
3,4,5-trichlorophenol	609-19-8	Industrial,	-	-	-	
3,4,5-Trichlorophenyl-4-nitrophenyl ether	1836-77-7	Industrial, Halo Ethers,	-	-	-	
3,4,5-Trimethacarb	2686-99-9	Insecticide	-	-	-	
3,4,6-Trichloroguaiacol	60712-44-9	Industrial, Pulp/Paper	-	-	-	
3,4-Dichloroaniline	95-76-1	General Pesticide, Pharmacological, Industrial,	-	-	-	
3,4-Dichlorocatechol	3978-67-4	Industrial, Pulp/Paper	-	-	-	
3,4-Dichloroguaiacol	77102-94-4	Industrial, Pulp/Paper	-	-	-	
3,4-Dichlorophenyl-4-nitrophenyl ether	22532-80-5	Industrial, Halo Ethers	-	-	-	
3,4-dimethylaniline	95-64-7	Industrial,	-	-	-	
3,4-dimethylphenol	95-65-8	Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09- 07-1988),	-	
3,5-Dibromoanisole	74137-36-3	Industrial	-	-	-	
3,5-Dibromophenol	626-41-5	Flame Retardant,	-	-	-	
3,5-Dichloroaniline	626-43-7	General Pesticide, Pharmacological, Industrial,	-	-	-	
3,5-Dichlorophenyl-4-nitrophenyl ether	21105-77-1	Industrial, Halo Ethers	-	-	-	
3,5-dimethylaniline	108-69-0	Industrial,	-	-	-	
3,5-dimethylphenol	108-68-9	Industrial,	-	-	-	
3,6-dimethylphenanthrene	1576-67-6	РАН	-	-	-	
3-(dimethylamino)phenol	99-07-0	Industrial,	-	-	-	
3-Aminophenol	591-27-5	Personal Care, Industrial,	-	-	-	
3-Bromoanisole	2398-37-0	Industrial	-	-	-	
3-Bromophenol	591-20-8	Flame Retardant,	-	-	-	
3-Bromostyrene	2039-86-3	Flame Retardant	-	-	-	
3-Chloro-4-fluoroaniline	367-21-5	Industrial,	-	-	-	
3-Chloro-4-methoxyaniline	5345-54-0	General Pesticide,	-	-	-	
3-Chloroaniline	108-42-9	Industrial,	-	-	-	
3-chlorophenol	108-43-0	Pharmacological, Industrial, Pulp/Paper,	-	-	-	
3-Chlorophenyl-4-nitrophenyl ether	2303-23-3	Industrial, Halo Ethers	-	-	-	
3-ethylphenol	620-17-7	Industrial,	-	-	-	
3-hydroxybiphenyl	580-51-8	Industrial,	-	-	-	
3-Hydroxycarbofuran	16655-82-6	Industrial	-	-	-	
3-Indolylacetonitrile	771-51-7	General Pesticide	-	-	-	





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Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
3-Methoxy-2,2',4,4',6- pentabromodiphenyl ether	N/A	Flame Retardant, PBDE	-	-	-	
3-methoxyphenol	150-19-6	Pharmacological, Industrial, Natural,	-	-	-	
3-Nitroaniline	99-09-2	Industrial,	-	-	-	
3-Nitrobenzanthrone	17117-34-9	PAH	2B(2014)	-	-	
3-Nitrobiphenyl	2113-58-8	Industrial	-	-	-	
3-Nitrodibenzofuran	5410-97-9	Dioxins/Furans	-	-	-	
3-Nitrofluoranthene	892-21-7	PAH	3(1987)	-	-	
3-Nitrophenanthrene	17024-19-0	PAH	-	-	-	
3-nitrophenol	554-84-7	Industrial,	-	-	-	
3-tert-butylphenol	585-34-2	Industrial,	-	-	-	
3-Trifluormethylaniline	98-16-8	Herbicide, Industrial,	-	-	-	
4,4'-DDD	72-54-8	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	cancer (1/1/1989)	
4,4'-DDE	72-55-9	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	cancer (1/1/1989) developmental, male (3/30/2010)	
4,4'-DDT	50-29-3	Insecticide,	2A(2018)	Oral RfD Assessment: Yes (Last revised: 03- 31-1987). Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	cancer (10/1/1987) developmental, female, male (5/15/1998)	
4,4'-Dichlorobenzophenone	90-98-2	General Pesticide	-	-	-	
4,4'-Methylenedianiline	101-77-9	Industrial,	2B(1987)	-	cancer (1/1/1988)	
4,4'-Oxydianiline	101-80-4	Industrial,	2B(1987)	-	cancer (1/1/1988)	
4,5-Dichloroguaiacol	2460-49-3	Industrial, Pulp/Paper	-	-	-	
4,6-Dichloroguaiacol	16766-31-7	Industrial, Pulp/Paper	-	-	-	
4,6-Dinitro-o-cresol (DNOC)	534-52-1	Fungicide, Herbicide, Insecticide, Industrial,	-	-	-	
4-(2-benzothiazolyldithio)morpholine	95-32-9	Industrial	-	-	-	
4-alpha-cumylphenol	599-64-4	Industrial,	-	-	-	
4-amino-2,6-dichlorophenol	5930-28-9	Industrial,	-	-	-	
4-Aminobiphenyl	92-67-1	Industrial	1(2012)	-	cancer (2/27/1987)	
4-aminophenol	123-30-8	Industrial,	-	-	-	
4-benzylphenol	101-53-1	Industrial,	-	-	-	
4-Bromoaniline	106-40-1	Herbicide, Industrial,	-	-	-	
4-Bromoanisole	104-92-7	Industrial	-	-	-	
4-Bromophenol	106-41-2	Flame Retardant,	-	-	-	
4-Bromostyrene	2039-82-9	Flame Retardant	-	-	-	
4-butylphenol	1638-22-8	Industrial,	-	-	-	
4-Chloro-2-methylaniline	95-69-2	General Pesticide, Industrial,	2A(2010)	_	cancer (1/1/1990)	
4-chloro-2-methylphenol	1570-64-5	Industrial,	- ((2010)	_	-	
4-chloro-2-nitroaniline	89-63-4	Industrial,	_	_	_	
4-chloro-3,5-dimethylphenol	88-04-0	Industrial,	_			
4-Chloro-3-methylphenol						
4-Chloroaniline	59-50-7 106-47-8	Fungicide, Industrial, Herbicide, Industrial,	2B(1993)	Oral RfD Assessment: Yes (Last revised: 08- 22-1988).	cancer (10/1/1994)	





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
4-Chlorocatechol	2138-22-9	Industrial, Pulp/Paper	-	-	-
4-Chlorodibenzofuran	74992-96-4	Dioxins/Furans,	-	-	-
4-Chloroguaiacol	16766-30-6	Industrial, Pulp/Paper	-	-	-
4-Chlorophenol	106-48-9	Industrial, Pulp/Paper,	-	-	-
4-Chlorophenyl isocyanate	104-12-1	Herbicide, Industrial	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3	Industrial, Halo Ethers	-	-	-
4-Chlorophenyl-4-nitrophenyl ether	1836-74-4	Industrial, Halo Ethers	-	-	-
4-ethoxyphenol	622-62-8	Industrial,	-	-	-
4-ethylphenol	123-07-9	Personal Care, Industrial,	-	-	-
4-hydroxy-3-chlorobiphenyl	92-04-6	Industrial,	-	-	-
4-hydroxybiphenyl	92-69-3	Industrial,	-	-	-
4-Isopropylaniline	99-88-7	Industrial,	-	-	-
4-isopropylphenol	99-89-8	Personal Care, Industrial,	-	-	-
4-methoxyphenol	150-76-5	Pharmacological, Industrial,	-	-	-
4-Methylphenol	106-44-5	Industrial,		Oral RfD Assessment: Withdrawn (Last revised: 08-01- 1991), Inhalation RfC Assessment: Message (Last revised: 04-01- 1992), Carcinogenicity Assessment: Yes (Last revised: 09- 01-1990)	
4-n-octylphenol	1806-26-4	Industrial,	-	-	-
4-Nitroaniline	100-01-6	Industrial,	-	-	-
4-Nitrobiphenyl	92-93-3	Industrial	3(1987)	-	cancer (4/1/1988)
4-Nitrophenol	100-02-7	Fungicide, Industrial,	-	-	-
4-Nitrophenyl phenyl ether	620-88-2	Industrial, Halo Ethers	-	-	-
4-Nonylphenol	104-40-5	Fungicide, Industrial,	-	-	-
4-tert-butylphenol	98-54-4	Industrial,	-	-	-
4H-cyclopenta[def]phenanthren-4- one	5737-13-3	OPAH, Industrial	-	-	-
5,12-Naphthacene-quinone	1090-13-7	ОРАН	-	-	-
5,6-Dichlorovanillin	18268-69-4	Industrial, Pulp/Paper	-	-	-
5,7-Dihydroxy-4'-methoxyisoflavone	491-80-5	Pharmacological,	-	-	-
5-Chlorovanillin	19463-48-0	Industrial, Pulp/Paper	-	-	-
5-methylchrysene	3697-24-3	PAH,	2B(2010)	-	cancer (4/1/1988)
5-Nitroacenaphthene	602-87-9	PAH	2B(1987)	-	cancer (4/1/1988)
6-chloro-m-cresol	615-74-7	Industrial,	-	-	-
6-Chlorovanillin	18268-76-3	Industrial, Pulp/Paper	-	-	-
6-methylchrysene	1705-85-7	PAH	3(2010)	-	-
6-Nitrobenzo(a)pyrene	63041-90-7	PAH	3(1989)	-	-
6-Nitrochrysene	7496-02-8	PAH	2A(2014)	-	cancer (10/1/1990)
7,12-dimethylbenz[a]anthracene	57-97-6	PAH,	-	-	cancer (1/1/1990)
7-Nitrobenz(a)anthracene	20268-51-3	PAH	3(1989)	-	-
9,10-Anthraquinone	84-65-1	OPAH, Industrial	2B(2013)	-	cancer (9/28/2007)
9,10-dimethylanthracene	781-43-1	PAH	-	-	-
9,10-Phenanthrenequinone	84-11-7	Fungicide, OPAH, Industrial	_	-	_





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Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
9-Fluorenone	486-25-9	OPAH, Industrial	-	-	-		
9-methylanthracene	779-02-2	PAH	-	-	-		
9-Nitroanthracene	602-60-8	PAH	3(1987)	-	-		
9-Nitrophenanthrene	954-46-1	PAH	-	-	-		
a-lonone	127-41-3	Personal Care, Natural	-	-	-		
acenaphthene	83-32-9	РАН	3(2010)	Oral RfD Assessment: Yes (Last revised: 11- 01-1990).	-		
Acenaphthenequinone	82-86-0	ОРАН	-	-	-		
acenaphthylene	208-96-8	РАН,		Carcinogenicity Assessment: Yes (Last revised: 01- 01-1991)	-		
Acephate	30560-19-1	Insecticide	-	-	-		
Acequinocyl	57960-19-7	General Pesticide, OPAH	-	-	-		
acetamiprid	135410-20-7	Insecticide	-	-	-		
Acetochlor	34256-82-1	Herbicide, Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09- 01-1993).	cancer (1/1/1989)		
Acifluorfen methyl ester	50594-67-7	Herbicide,	-	-	-		
Aclonifen	74070-46-5	Herbicide	-	-	-		
Acrinathrin	101007-06-1	Insecticide	-	-	-		
Alachlor	15972-60-8	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 01-1993).	cancer (1/1/1989)		
Aldrin	309-00-2	Insecticide,	0(0)	Oral RfD Assessment: Yes (Last revised: 03- 31-1987). Carcinogenicity Assessment: Yes (Last revised: 09- 30-1987)	cancer (7/1/1988)		
Allidochlor	93-71-0	Herbicide	-	-	-		
alpha, alpha-Dibromo-m-xylene	626-15-3	Flame Retardant, Industrial	-	-	-		
alpha-BHC	319-84-6	Insecticide, Pharmacological,	-	Carcinogenicity Assessment: Yes (Last revised: 03- 31-1987)	-		
alpha-Chlordane	5103-71-9	Insecticide,	-	-	-		
Ametryne	834-12-8	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	-		
Amidithion	919-76-6	Insecticide	-	-	-		
Aminocarb	2032-59-9	Insecticide	-	-	-		
Amitraz	33089-61-1	Insecticide,		Oral RfD Assessment: Yes (Last revised: 08- 22-1988),	developmental (3/30/1999)		
Amitraz metabolite [Methanimidamide, N-(2,4- dimethylphenyl)-N'-methyl-]	33089-74-6	Insecticide	-	-	-		
amyl cinnamal	122-40-7	Personal Care	-	-	-		
amylcinnamyl alcohol	101-85-9	Personal Care	-	-	-		
Ancymidol	12771-68-5	General Pesticide	-	-	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Anilazine	101-05-3	Fungicide	-	-	-		
Aniline	62-53-3	Industrial,	2	Inhalation RfC Assessment: Yes (Last revised: 11- 01-1990), Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	cancer (1/1/1990)		
Anilofos	64249-01-0	Herbicide,	-	-	-		
Anisyl alcohol	105-13-5	Personal Care, Natural	-	-	-		
anthanthrene	191-26-4	PAH	3(2010)	Ĭ <u>-</u>	-		
anthracene	120-12-7	РАН,	3(2010)	Oral RfD Assessment: Yes (Last revised: 09- 01-1990), Carcinogenicity Assessment: Yes (Last revised: 01- 01-1991)	-		
Aramite	140-57-8	General Pesticide	2B(1987)	Carcinogenicity Assessment: Yes (Last revised: 06- 01-1991)	cancer (7/1/1987)		
Aramite II	140-57-8	General Pesticide	2B(1987)	Carcinogenicity Assessment: Yes (Last revised: 06- 01-1991)	cancer (7/1/1987)		
Atraton	1610-17-9	Herbicide	-	-	-		
Atrazine	1912-24-9	Herbicide, Pharmacological,	3(1999)	Oral RfD Assessment: Yes (Last revised: 10- 01-1993).	developmental, female (7/15/2016)		
Atrazine-desethyl	6190-65-4	Herbicide,	-	-	developmental, female (7/15/2016)		
Azaconazole	60207-31-0	Fungicide	-	-	-		
Azamethiphos	35575-96-3	Insecticide	-	-	-		
Azibenzolar-S-methyl	135158-54-2	Fungicide	-	-	-		
Azinphos-ethyl	2642-71-9	Insecticide	-	-	-		
Azinphos-methyl	86-50-0	Insecticide, Pharmacological,	-	-	-		
Aziprotryn metabolite [2-Amino-4-isopropylamino-6-methylthio-1,3,5-triazine]	4147-57-3	Pesticide Product	-	-	-		
Aziprotryne	4658-28-0	Herbicide	-	-	-		
Azobenzene	103-33-3	Fungicide, Insecticide, Industrial	3(1987)	Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	cancer (1/1/1990)		
Azoxybenzene	495-48-7	Insecticide, Industrial	-	-	-		
Azoxystrobin	131860-33-8	Fungicide	-	-	-		
b-citronellol	106-22-9	Personal Care, Natural	-	-	-		
b-Estradiol	50-28-2	Pharmacological	-	-	cancer (1/1/1988)		
b-Ionone	79-77-6	Personal Care, Natural	-	-	-		
Barban	101-27-9	Herbicide	-	-	-		
Beflubutamid	113614-08-7	Herbicide	-	-	-		
Benalaxyl	71626-11-4	Fungicide	-	-	-		
Benazolin-ethyl	25059-80-7	Herbicide	-	-	-		
Bendiocarb	22781-23-3	Insecticide,	-	-	-		





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Compound	UNO #	Classification	14/110 14 DO #		lo uspass	
			WHO IARC *	EPA IRIS**	Cal/EPA***	
Benfluralin	1861-40-1	Herbicide	-	-	-	
Benfuracarb	82560-54-1	Insecticide	-	-	-	
Benfuresate	68505-69-1	Herbicide	-	-	-	
Benodanil	15310-01-7	Fungicide	-	-	-	
Benoxacor	98730-04-2	Herbicide	-	-	-	
Bentazone	25057-89-0	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 03- 02-1998). Inhalation RfC Assessment: Message (Last revised: 03-02- 1998). Carcinogenicity Assessment: Yes (Last revised: 03- 02-1998)		
Bentazone methyl derivative	61592-45-8	Herbicide	-	-	-	
Benthiocarb	28249-77-6	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	-	
Benz(a)anthracene-7,12-dione	2498-66-0	ОРАН	-	-	-	
benz[a]anthracene	56-55-3	РАН,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)	cancer (7/1/1987)	
benz[j] and [e]aceanthrylene	202-33-5 & 199-54-2	PAH	-	-	-	
Benzanthrone	82-05-3	OPAH, Industrial,	-	-	-	
Benzenesulfonamide	98-10-2	Pharmacological	-	-	-	
Benzidine	92-87-5	Industrial	1(2012)	Oral RfD Assessment: Yes (Last revised: 01- 01-1989), Inhalation RfC Assessment: Message (Last revised: 07-01- 1991), Carcinogenicity Assessment: Yes (Last revised: 03- 31-1987)	cancer (2/27/1987)	
Benzo(a)fluoren-11-one	479-79-8	ОРАН	-	-	-	
Benzo(a)pyrene-7,8-dione	65199-11-3	ОРАН	-	-	-	
Benzo(c)phenanthrene(1,4)quinone	109699-80-1	ОРАН	-	-	-	
benzo[a]chrysene	213-46-7	PAH,	3(2010)	-	-	
benzo[a]fluorene	238-84-6	PAH	3(2010)	-	-	
benzo[a]pyrene	50-32-8	РАН,	1(2012)	Oral RfD Assessment: Yes (Last revised: 01- 19-2017). Inhalation RfC Assessment: Yes (Last revised: 01- 19-2017). Carcinogenicity Assessment: Yes (Last revised: 01- 19-2017)	cancer (7/1/1987)	





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Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
benzo[b]fluoranthene	205-99-2	РАН,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)	cancer (7/1/1987)	
benzo[b]fluorene	243-17-4	PAH,	3(2010)	-	-	
benzo[b]perylene	197-70-6	PAH	-	-	-	
benzo[c]fluorene	205-12-9	PAH	3(2010)	-	-	
benzo[e]pyrene	192-97-2	PAH,	3(2010)	-	-	
Benzo[ghi]perylene	191-24-2	РАН	3(2010)	Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)	-	
benzo[j]fluoranthene	205-82-3	PAH,	2B(2010)	-	cancer (7/1/1987)	
benzo[k]fluoranthene	207-08-9	РАН,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 11- 01-1990)	cancer (7/1/1987)	
Benzophenone	119-61-9	Personal Care, Industrial,	2B(2013)	-	cancer (6/22/2012)	
Benzothiazole	95-16-9	Industrial	-	-	-	
benzotriazole	95-14-7	Industrial	-	-	-	
Benzoximate metabolite	55440-55-6	General Pesticide	-	-	-	
Benzoylprop ethyl	22212-55-1	Herbicide	-	-	-	
Benzyl alcohol	100-51-6	Pharmacological, Personal Care, Industrial, Natural	-	-	-	
Benzyl benzoate	120-51-4	Insecticide	-	-	-	
Benzyl cinnamate	103-41-3	Personal Care, Natural	-	-	-	
benzyl salicylate	118-58-1	Personal Care, Natural,	-	-	-	
beta-BHC	319-85-7	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 09- 30-1987)	-	
BHC epsilon isomer	6108-10-7	Insecticide	-	Carcinogenicity Assessment: Yes (Last revised: 03- 31-1987)	-	
Bifenazate metabolite (5-Phenyl-o-anisidine )	39811-17-1	General Pesticide	-	-	-	
Bifenox	42576-02-3	Herbicide,	-	-	-	
Bifenthrin	82657-04-3	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988).	-	
Binapacryl	485-31-4	Fungicide	-	-	-	
Bioallethrin	584-79-2	Insecticide	-	-	-	
Bioallethrin S-cyclopentenyl isomer	28434-00-6	Insecticide	-	-	-	
Bioresmethrin	28434-01-7	Insecticide	-	-	-	
Biphenyl	92-52-4	Fungicide, Industrial,		Oral RfD Assessment: Yes (Last revised: 08- 27-2013). Inhalation RfC Assessment: Discussion (Last revised: 08-27- 2013). Carcinogenicity Assessment: Yes (Last revised: 08- 27-2013)		





Compound	CAS#	Classification	Risk			
•			WHO IARC *	EPA IRIS**	Cal/EPA***	
Dia/2 2 2 2 totrophloropropul\ other	127-90-2	Insecticide	WHOTAKE	LI A IIVIO	Cal/Li A	
Bis(2,3,3,3-tetrachloropropyl) ether			-	-	-	
Bis(2-butoxyethyl) phthalate	117-83-9	Industrial	- 0(0) 0D(0040)	- Oral DID	- (4 (4 (4 000))	
Bis(2-ethylhexyl)phthalate	117-81-7	Insecticide, Industrial,	0(0),2B(2013)	Oral RfD Assessment: Yes (Last revised: 01- 31-1987). Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	cancer (1/1/1988) developmental, male (10/24/2003)	
Bisphenol A	80-05-7	Industrial,	-	Oral RfD Assessment: Yes (Last revised: 09- 26-1988),	female (5/11/2015) developmental (12/18/2020)	
bisphenol B	77-40-7	Industrial,	-	-	-	
bisphenol E	2081-08-5	Industrial,	-	-	-	
bisphenol Z	843-55-0	Industrial,	-	-	-	
bisphenol AF	1478-61-1	Industrial,	-	-	-	
Bitertanol I	55179-31-2	Fungicide,	-	-	-	
Bitertanol II	55179-31-2	Fungicide,	-	-	-	
Boscalid (Nicobifen)	188425-85-6	Fungicide,	-	-	-	
Bromacil	314-40-9	Herbicide,	-	-	-	
Bromfenvinphos-(E)	58580-14-6	Insecticide	-	-	-	
Bromfenvinphos-(Z)	33399-00-7	Insecticide	-	-	-	
Bromobutide	74712-19-9	Herbicide	-	-	-	
Bromocyclen	1715-40-8	Insecticide	-	-	-	
Bromophos	2104-96-3	Insecticide,	-	-	-	
Bromophos-ethyl	4824-78-6	Insecticide,	-	-	-	
Bromopropylate	18181-80-1	General Pesticide,	-	-	-	
Bromoxynil	1689-84-5	Herbicide,	-	-	developmental (10/1/1990)	
Bromoxynil octanoic acid ester	1689-99-2	Herbicide	-	-	developmental (5/18/1999)	
Bromuconazole I	116255-48-2	Fungicide	-	-	-	
Bromuconazole II	116255-48-2	Fungicide	-	-	-	
Bufencarb	8065-36-9	Insecticide	-	-	-	
Bupirimate	41483-43-6	Fungicide,	-	-	-	
Buprofezin	69327-76-0	Insecticide	-	-	-	
Butachlor	23184-66-9	Herbicide,	-	-	-	
Butafenacil	134605-64-4	Herbicide	-	-	-	
Butamifos	36335-67-8	Herbicide,	-	-	-	
Butoxycarboxim	34681-23-7	Insecticide	-	-	-	
Butralin	33629-47-9	Herbicide	-	-	-	
Butyl benzyl phthalate	85-68-7	Industrial,	3(1999)	Oral RfD	developmental	
				Assessment: Yes (Last revised: 09-01-1989). Carcinogenicity Assessment: Yes (Last revised: 08-22-1988)	(12/2/2005)	
Butylate	2008-41-5	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 10- 01-1994).	-	
Butylated hydroxyanisole	25013-16-5	Pharmacological, Personal Care,	2B(1987)	-	cancer (1/1/1990)	





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
butylated hydroxytoluene	128-37-0	Industrial,	3(1987)	-	-
Cadusafos	95465-99-9	Insecticide	-	-	-
Cafenstrole	125306-83-4	Herbicide	-	-	-
Caffeine	58-08-2	Pharmacological,	3(1991)	-	-
Captafol	2425-06-1	Fungicide	2A(1991)	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	cancer (10/1/1988)
Captan	133-06-2	Fungicide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 03- 01-1989).	cancer (1/1/1990)
Carbaryl	63-25-2	Insecticide, PAH,	3(1987)	Oral RfD Assessment: Yes (Last revised: 01- 31-1987), Inhalation RfC Assessment: Message (Last revised: 11-01- 1991),	cancer (2/5/2010) developmental, female, male (8/7/2009)
Carbazole	86-74-8	Industrial	2B(2013)	-	cancer (5/1/1996)
Carbetamide	16118-49-3	Herbicide	-	-	-
Carbofuran	1563-66-2	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987),	-
Carbofuran-3-keto	16709-30-1	General Pesticide	-	-	-
Carbofuran-7-phenol	1563-38-8	Pesticide Product,	-	-	-
Carbophenothion	786-19-6	Insecticide	-	-	-
Carbosulfan	55285-14-8	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987),	-
Carboxin	5234-68-4	Fungicide	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	-
Carfentrazone-ethyl	128639-02-1	Herbicide	-	-	-
Carpropamid	104030-54-8	Fungicide	-	-	-
Carvone	99-49-0	Fungicide, Personal Care	-	-	-
Cashmeran	33704-61-9	Personal Care,	-	-	-
Cekafix	121227-99-4	Fungicide, Insecticide	-	-	-
Celestolide	13171-00-1	Personal Care,	-	-	-
Chinomethionat	2439-01-2	Fungicide	-	-	cancer (8/20/1999) developmental (11/6/1998)
Chloramben methyl ester	7286-84-2	Herbicide	-	-	-
Chloranocryl	2164-09-2	Herbicide	-	-	-
Chlorbenside	103-17-3	General Pesticide	-	-	-
Chlorbenside sulfone	7082-99-7	General Pesticide	-	-	-
Chlorbicyclen	2550-75-6	Insecticide	-	-	-
Chlorbromuron	13360-45-7	Herbicide	-	-	-
Chlorbufam	1967-16-4	Herbicide	-	-	-
Chlordene, trans-	3734-48-3	Insecticide, Industrial	-	-	-
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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
Chlorethoxyfos	54593-83-8	Insecticide	-	-	-
Chlorfenapyr	122453-73-0	Insecticide	-	-	-
Chlorfenethol	80-06-8	General Pesticide	-	-	-
Chlorfenprop-methyl	14437-17-3	Herbicide	-	-	-
Chlorfenson	80-33-1	Fungicide, Insecticide	-	-	-
Chlorfenvinphos	470-90-6	Insecticide,	-	-	-
Chlorfenvinphos, cis-	18708-87-7	Insecticide	-	-	-
Chlorfenvinphos, trans-	18708-86-6	Insecticide	-	-	-
Chlorflurecol-methyl ester	2536-31-4	Herbicide, PAH	-	-	-
Chlormefos	24934-91-6	Insecticide	-	-	-
Chlornitrofen	1836-77-7	Herbicide,	-	-	-
Chlorobenzilate	510-15-6	General Pesticide,	3(1987)	Oral RfD	cancer (1/1/1990)
				Assessment: Yes (Last revised: 12- 01-1989).	
Chloroneb	2675-77-6	Fungicide	-	-	-
Chloropropylate	5836-10-2	General Pesticide,	-	-	-
Chlorothalonil	1897-45-6	General Pesticide, Fungicide, Insecticide,	2B(1999)	Oral RfD Assessment: Yes (Last revised: 03- 01-1988),	cancer (1/1/1989)
Chlorotoluron	15545-48-9	Herbicide,	-	-	-
Chlorpropham	101-21-3	Herbicide,	3(1987)	-	-
Chlorpyrifos	2921-88-2	Insecticide, Pharmacological,	-	-	developmental (12/15/2017)
Chlorpyrifos Methyl	5598-13-0	Insecticide,	-	-	-
Chlorthiamid	1918-13-4	Herbicide	-	-	-
Chlorthion	500-28-7	Insecticide	-	-	-
Chlorthiophos	60238-56-4	Insecticide	-	-	-
Chlorthiophos sulfone	999053-03-1	General Pesticide	-	-	-
Chlorthiophos sulfoxide	29185-21-5	Pesticide Product	-	-	-
Chlozolinate	84332-86-5	Fungicide	-	-	-
chrysene	218-01-9	РАН,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)	cancer (1/1/1990)
Cinerin I	25402-06-6	Insecticide	-	-	-
Cinerin II	121-20-0	Insecticide	-	-	-
Cinidon-ethyl	142891-20-1	Herbicide	-	-	-
cinnamal	104-55-2	Fungicide, Personal Care, Industrial, Natural,	-	-	-
cinnamyl alcohol	104-54-1	Personal Care, Natural	-	-	-
cis-Nonachlor	5103-73-1	Insecticide,	-	-	-
Citral A	5392-40-5	Personal Care, Natural	-	-	-
Citral B	5392-40-5	Personal Care, Natural	-	-	-
Clodinafop-propargyl	105512-06-9	Herbicide	-	-	-
Clomazone	81777-89-1	Herbicide	-	-	-
Cloquintocet-mexyl	99607-70-2	Herbicide	-	-	-
coronene	191-07-1	PAH	3(1987)	-	-
Coumaphos	56-72-4	Insecticide	- ′	-	-
Coumarin	91-64-5	Personal Care, Natural	3(2000)	-	-
Crimidine	535-89-7	Rodenticide	-	-	-





Compound	CAS#	Classification		Risk			
	5.15		WHO IARC *	EPA IRIS**	Cal/EPA***		
Overtex with a c	7700 47 0	la a a sti a i d a	IVIIO IARC	EFA IKIS	Cal/EFA		
Crotoxyphos	7700-17-6	Insecticide	-	-	-		
Crufomate	299-86-5	Insecticide	-	-	-		
Cyanazine	21725-46-2	Herbicide,	-	-	developmental (4/1/1990)		
Cyanofenphos	13067-93-1	Insecticide,	-	-	-		
Cyanophos	2636-26-2	Insecticide,	-	-	-		
Cyclafuramid	34849-42-8	Fungicide	-	-	-		
Cycloate	1134-23-2	Herbicide	-	-	developmental (3/19/1999)		
cyclopenta[cd]pyrene	27208-37-3	PAH,	2A(2010)	-	cancer (4/29/2011)		
Cyclopentadecanone	502-72-7	Personal Care	-	-	-		
Cycluron	2163-69-1	Herbicide	-	-	-		
Cyflufenamid	180409-60-3	Fungicide	-	-	-		
Cyfluthrin I	68359-37-5	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03- 01-1988).	-		
Cyfluthrin II	68359-37-5	Insecticide,		Oral RfD Assessment: Yes (Last revised: 03- 01-1988).			
Cyfluthrin III	68359-37-5	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03- 01-1988),	-		
Cyfluthrin IV	68359-37-5	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03- 01-1988).	-		
Cyhalofop-butyl	122008-85-9	Herbicide	-	-	-		
Cyhalothrin (Gamma)	91465-08-6	Insecticide,	-	-	-		
Cyhalothrin I (lambda)	68085-85-8	Fungicide, Insecticide,	-	-	-		
Cymiazole	61676-87-7	General Pesticide	-	-	-		
Cymoxanil	57966-95-7	Fungicide	-	-	-		
Cypermethrin-1	52315-07-8	Insecticide,	-	-	-		
Cypermethrin-2	52315-07-8	Insecticide,	-	-	-		
Cypermethrin-3	52315-07-8	Insecticide,	-	-	-		
Cypermethrin-4	52315-07-8	Insecticide,	-	-	-		
Cyphenothrin cis-	39515-40-7	Insecticide	-	-	-		
Cyphenothrin trans-	39515-40-7	Insecticide	-	-	-		
Cyprazine	22936-86-3	Herbicide	-	-	-		
Cyproconazole	113096-99-4	Insecticide	-	-	-		
Cyprodinil	121552-61-2	Fungicide,	-	-	-		
Cyprofuram	69581-33-5	Fungicide	-	-	-		
Cyromazine	66215-27-8	Insecticide	-	-	-		
d-(cis-trans)-Phenothrin-I	26002-80-2	Insecticide,	-	-	-		
d-(cis-trans)-Phenothrin-II	26002-80-2	Insecticide,	-	-	-		
d-Limonene	5989-27-5	Personal Care, Natural	3(1999)	Inhalation RfC Assessment: Discussion (Last revised: 12-01-1993).	-		
Dacthal	1861-32-1	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 08- 01-1994).	-		





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
	533-74-4	Fungicide, Herbicide, Insecticide, Industrial	-	-	-	
DDMU [1-Chloro-2,2-bis(4'-chlorophenyl)ethylene]	1022-22-6	General Pesticide	-	-	-	
delta-BHC	319-86-8	Insecticide,	-	Carcinogenicity Assessment: Yes (Last revised: 03- 31-1987)	-	
Deltamethrin	52918-63-5	Insecticide,	3(1991)	-	-	
Demephion	8065-62-1	General Pesticide	-	-	-	
Demeton-s	126-75-0	Insecticide	-	-	-	
Demeton-S-methyl	919-86-8	Insecticide	-	-	-	
Demeton-S-methylsulfon	17040-19-6	Insecticide	-	-	-	
Desbromo-bromobutide	2053-42-1	Herbicide	-	-	-	
Desmedipham	13684-56-5	Herbicide	-	-	-	
Desmetryn	1014-69-3	Herbicide	_	-	-	
Di-n-butyl phthalate	84-74-2	Insecticide, Personal Care, Industrial,	_	Oral RfD	developmental,	
				Assessment: Yes (Last revised: 01-31-1987). Inhalation RfC Assessment: Message (Last revised: 10-01-1990). Carcinogenicity Assessment: Yes (Last revised: 09-07-1988)	female, male (12/2/2005)	
Di-n-hexyl phthalate	84-75-3	Industrial,	-	-	female, male (12/2/2005)	
Di-n-nonyl phthalate	84-76-4	Industrial,	-	-	-	
Di-n-octyl phthalate	117-84-0	Industrial,	-	-	-	
Di-n-propyl phthalate	131-16-8	Pharmacological, Industrial,	-	-	-	
Dialifos	10311-84-9	Insecticide	-	-	-	
Diallate I	2303-16-4	Herbicide	3(1987)	-	-	
Diallate II	17708-57-5	Herbicide	-	-	-	
Diamyl phthalate	131-18-0	Industrial,	-	-	-	
Diazinon	333-41-5	Insecticide, Pharmacological,	2A(2017)	-	-	
Diazinon-oxon	962-58-3	General Pesticide	-	-	-	
Dibenzo-p-dioxin	262-12-4	Dioxins/Furans	3(1997)	-	-	
dibenzo[a,e]fluoranthene	5385-75-1	PAH,	3(2010)	-	-	
dibenzo[a,e]pyrene	192-65-4	PAH,	3(2010)	-	cancer (1/1/1988)	
dibenzo[a,h]anthracene	53-70-3	PAH,	2A(2010)	Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)	cancer (1/1/1988)	
dibenzo[a,h]pyrene	189-64-0	PAH,	2B(2010)	-	cancer (1/1/1988)	
dibenzo[a,i]pyrene	189-55-9	PAH,	2B(2010)	-	cancer (1/1/1988)	
dibenzo[a,l]pyrene	191-30-0	PAH,	2A(2010)	-	cancer (1/1/1988)	
dibenzo[e,l]pyrene	192-51-8	PAH	3(2010)	-	-	
Dibenzofuran	132-64-9	Dioxins/Furans	-	Carcinogenicity Assessment: Yes (Last revised: 10- 01-1990)	-	
dibenzothiophene	132-65-0	PAH, Pharmacological, Personal Care, Industrial,	3(2013)	-	-	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Dicamba	1918-00-9	Herbicide,		Oral RfD Assessment: Yes (Last revised: 08- 22-1988).	-		
Dicamba methyl ester	6597-78-0	Pharmacological	-	-	-		
Dicapthon	2463-84-5	Insecticide	-	-	-		
Dichlofenthion	97-17-6	Insecticide,	-	-	-		
Dichlofluanid	1085-98-9	Fungicide,	-	-	-		
Dichlofluanid metabolite (DMSA)	4710-17-2	Pharmacological	-	-	-		
Dichlone	117-80-6	Fungicide, Herbicide, OPAH,	-	-	-		
Dichloran	99-30-9	Fungicide, Industrial	-	-	-		
Dichlormid	37764-25-3	Herbicide, Insecticide	-	-	-		
Dichlorophen	97-23-4	Fungicide, Pharmacological,	-	-	developmental (4/27/1999)		
Dichlorprop	120-36-5	Herbicide,	-	-	-		
Dichlorprop methyl ester	57153-17-0	General Pesticide	-	-	-		
Dichlorvos	62-73-7	Insecticide,	2B(1991)	Oral RfD Assessment: Yes (Last revised: 11- 01-1993), Inhalation RfC Assessment: Yes (Last revised: 06- 01-1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1989)	cancer (1/1/1989)		
Diclobutrazol	75736-33-3	Fungicide,	-	-	-		
Diclocymet I	139920-32-4	Fungicide	-	-	-		
Diclocymet II	139920-32-4	Fungicide	-	-	-		
Diclofop methyl	51338-27-3	Herbicide,	-	-	cancer (4/6/2010) developmental (3/5/1999)		
Dicrotophos	141-66-2	Insecticide	-	-	-		
Dicyclohexyl phthalate	84-61-7	Industrial,	-	-	-		
Dicyclopentadiene	77-73-6	PAH, Industrial	-	-	-		
Dieldrin	60-57-1	Insecticide,	0(0)	Oral RfD Assessment: Yes (Last revised: 09- 07-1988). Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	cancer (7/1/1988)		
Diethatyl ethyl	38727-55-8	Herbicide	-	-	-		
Diethofencarb	87130-20-9	Fungicide,	-	-	-		
Diethyl dithiobis(thionoformate) (EXD)	502-55-6	Herbicide	-	-	-		
Diethyl phthalate	84-66-2	Insecticide, Industrial,		Oral RfD Assessment: Yes (Last revised: 09- 30-1987). Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)			
Diethylene glycol	111-46-6	Industrial,	-	-	-		





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
Diethylstilbestrol	56-53-1	Pharmacological	1(2012)	-	cancer (2/27/1987) developmental (7/1/1987)
Difenoconazol I	119446-68-3	Fungicide,	-	-	-
Difenoconazol II	119446-68-3	Fungicide,	-	-	-
Difenoxuron	14214-32-5	Herbicide	-	-	-
Diflufenican	83164-33-4	Herbicide	-	-	-
Diisobutyl phthalate	84-69-5	Industrial,	-	-	-
Dimefox	115-26-4	Insecticide	-	-	-
Dimepiperate	61432-55-1	Herbicide	-	-	-
Dimethachlor	50563-36-5	Herbicide	-	-	-
Dimethametryn	22936-75-0	Herbicide	-	-	-
Dimethenamid	87674-68-8	Herbicide	-	-	-
Dimethipin	55290-64-7	General Pesticide	-	-	-
Dimethoate	60-51-5	Insecticide, Pharmacological,	-	-	-
Dimethomorph-(E)	110488-70-5	Fungicide,	-	-	-
Dimethomorph-(Z)	110488-70-5	Fungicide,	-	-	-
				Assessment: Message (Last revised: 09-01- 1990). Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	
Dimethylvinphos(Z)	67628-93-7	Insecticide	-	-	-
Dimethylvinphos, (E)-	71363-52-5	Insecticide	-	-	-
Dimetilan	644-64-4	Insecticide	-	-	-
Dimoxystrobin	149961-52-4	Fungicide	-	-	-
Diniconazole	83657-24-3	Fungicide	-	-	-
Dinitramine	29091-05-2	Herbicide	-	-	-
Dinobuton	973-21-7	Fungicide	-	-	-
Dinocap	39300-45-3	Fungicide,	-	-	developmental (4/1/1990)
Dinocap II	39300-45-3	Fungicide,	-	-	developmental (4/1/1990)
Dinocap III	39300-45-3	Fungicide,	-	-	developmental (4/1/1990)
Dinocap IV	39300-45-3	Fungicide,	-	-	developmental (4/1/1990)
Dinoseb	88-85-7	Fungicide, Herbicide, Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987). Carcinogenicity Assessment: Yes (Last revised: 08- 01-1989)	developmental, male (1/1/1989)
Dinoseb acetate	2813-95-8	Herbicide	-	-	-
Dinoseb methyl ether	6099-79-2	General Pesticide	-	-	-
Dinoterb	1420-07-1	Herbicide	-	-	-
Dinoterb acetate	3204-27-1	Herbicide, Insecticide	-	-	-
Diofenolan I	63837-33-2	Insecticide	-	-	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Dioxabenzofos	3811-49-2	Insecticide	-	-	-		
Dioxacarb	6988-21-2	Insecticide	-	-	-		
Dioxathion	78-34-2	Insecticide	-	-	-		
Diphacinone	82-66-6	Rodenticide, PAH	-	-	-		
Diphenamid	957-51-7	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	-		
Diphenyl phthalate	84-62-8	General Pesticide, Industrial,	-	-	-		
Diphenylamine	122-39-4	Fungicide	2	-	-		
Dipropetryn	4147-51-7	Herbicide	-	-	-		
Dipropyl isocinchomeronate	136-45-8	Insecticide	-	-	cancer (5/1/1996)		
Disulfoton	298-04-4	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-		
Disulfoton sulfone	2497-06-5	Insecticide	-	-	-		
Ditalimfos	5131-24-8	Fungicide	-	-	-		
Dithiopyr	97886-45-8	Herbicide	-	-	-		
Diuron	330-54-1	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988).	cancer (5/31/2002)		
Diuron Metabolite [3,4- Dichlorophenyl isocyanate]	102-36-3	Industrial	-	-	-		
Dodemorph I	1593-77-7	Fungicide,	-	-	-		
Dodemorph II	1593-77-7	Fungicide,	-	-	-		
Drazoxolon	5707-69-7	Fungicide	-	-	-		
drometrizole	2440-22-4	Industrial	-	-	-		
Edifenphos	17109-49-8	Fungicide	-	-	-		
Empenthrin I	54406-48-3	Insecticide	-	-	-		
Empenthrin II	54406-48-3	Insecticide	-	-	-		
Empenthrin III	54406-48-3	Insecticide	-	-	-		
Empenthrin IV	54406-48-3	Insecticide	-	-	-		
Empenthrin V	54406-48-3	Insecticide	-	-	-		
Endosulfan ether	3369-52-6	General Pesticide	-	-	-		
Endosulfan I	959-98-8	Insecticide,	-	-	-		
Endosulfan II	33213-65-9	Insecticide,	-	-	-		
Endosulfan lactone	3868-61-9	General Pesticide	-	-	-		
Endosulfan sulfate	1031-07-8	Insecticide,	-	-	-		
Endrin	72-20-8	Fungicide, Insecticide, Rodenticide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 09- 07-1988), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1989)	developmental (5/15/1998)		
Endrin aldehyde	7421-93-4	Fungicide, Insecticide, Rodenticide	-		-		
Endrin ketone	53494-70-5	General Pesticide	-	-	-		
EPN	2104-64-5	Insecticide, Pharmacological,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987),	-		
Epoxiconazole	106325-08-0	General Pesticide	-	-	cancer (4/15/2011)		





University	CAC #	Classification	Risk			
Compound	CAS#	Classification				
			WHO IARC *	EPA IRIS**	Cal/EPA***	
EPTC	759-94-4	Herbicide,	-	-	developmental (4/27/1999)	
Erbon	136-25-4	Herbicide	-	-	-	
Esfenvalerate	66230-04-4	Insecticide,	-	-	-	
Esprocarb	85785-20-2	Herbicide	-	-	-	
Etaconazole	60207-93-4	Fungicide	-	-	-	
Ethalfluralin	55283-68-6	Herbicide	-	-	-	
Ethidimuron	30043-49-3	Herbicide	-	-	-	
Ethiofencarb	29973-13-5	Insecticide	-	-	-	
Ethiolate	2941-55-1	Herbicide	-	-	-	
Ethion	563-12-2	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09- 01-1989).	-	
Ethofenprox	80844-07-1	Insecticide,	-	-	-	
Ethofumesate	26225-79-6	Herbicide	-	-	-	
Ethofumesate, 2-Keto	26244-33-7	General Pesticide	-	-	-	
Ethoprophos	13194-48-4	Insecticide	-	-	cancer (2/27/2001)	
Ethoxyfen-ethyl	131086-42-5	Herbicide	-	-	-	
Ethoxyquin	91-53-2	Fungicide,	-	-	-	
Ethylene brassylate (Musk NN)	105-95-3	Personal Care	-	-	-	
Ethylenethiourea	96-45-7	Fungicide, Industrial,	3(2001)	Oral RfD Assessment: Yes (Last revised: 05- 01-1991).	cancer (1/1/1988) developmental (1/1/1993)	
Etoxazole	153233-91-1	General Pesticide	-	-	-	
Etrimfos	38260-54-7	Insecticide	-	-	-	
Eugenol	97-53-0	Insecticide, Pharmacological, Personal Care, Industrial	3(1987)	-	-	
Exaltolide [15-Pentadecanolide]	106-02-5	Personal Care	-	-	-	
Famoxadon	131807-57-3	Fungicide	-	-	-	
Famphur	52-85-7	Fungicide, Insecticide	-	-	-	
Farnesol I	4602-84-0	Personal Care, Natural	-	-	-	
Farnesol II	4602-84-0	Personal Care, Natural	-	-	-	
Farnesol III	4602-84-0	Personal Care, Natural	-	-	-	
Farnesol IV	4602-84-0	Personal Care, Natural	-	-	-	
Fenamidone	161326-34-7	Fungicide	-	-	-	
Fenamiphos	22224-92-6	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	-	
Fenamiphos sulfoxide	31972-43-7	General Pesticide	-	-	-	
Fenamiphos-sulfone	31972-44-8	General Pesticide	-	-	-	
Fenarimol	60168-88-9	Fungicide, Industrial,	-	-	-	
Fenazaflor	14255-88-0	Insecticide	-	-	-	
Fenazaflor metabolite	4228-88-0	Insecticide	-	-	-	
Fenazaquin	120928-09-8	General Pesticide	-	-	-	
Fenbuconazole	119611-00-6	Fungicide	-	-	-	
Fenchlorazole-ethyl	103112-35-2	Herbicide	-	-	-	
Fenchlorphos	299-84-3	Insecticide,	-	-	-	
Fenchlorphos-oxon	3983-45-7	Pesticide Product	-	<u>-</u>	-	





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Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Fenclorim	3740-92-9	Herbicide	-	-	-		
Fenfuram	24691-80-3	Fungicide	-	-	-		
Fenhexamid	126833-17-8	Fungicide,	-	-	-		
Fenitrothion	122-14-5	Insecticide,	-	-	-		
Fenitrothion-oxon	2255-17-6	Insecticide	-	-	-		
Fenobucarb	3766-81-2	Insecticide	-	-	-		
Fenoprop	93-72-1	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 07-1988), Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	-		
Fenoprop methyl ester	4841-20-7	Herbicide	-	-	-		
Fenothiocarb	62850-32-2	General Pesticide	-	-	-		
Fenoxanil	115852-48-7	Fungicide	-	-	-		
Fenoxaprop-ethyl	66441-23-4	Herbicide	-	-	developmental (3/26/1999)		
Fenoxycarb	79127-80-3	Insecticide	-	-	cancer (6/2/2000)		
Fenpiclonil	74738-17-3	Fungicide,	-	-	-		
Fenpropathrin	64257-84-7	Insecticide	-	-	-		
Fenpropidin	67306-00-7	Fungicide	-	-	-		
Fenson	80-38-6	General Pesticide	-	-	-		
Fensulfothion	115-90-2	Insecticide	-	-	-		
Fensulfothion-oxon	6552-21-2	Insecticide	-	-	-		
Fensulfothion-oxon -sulfone	6132-17-8	Insecticide	-	-	-		
fensulfothion-sulfone	14255-72-2	Insecticide	-	-	-		
Fenthion	55-38-9	Insecticide,	-	-	-		
Fenthion sulfoxide	3761-41-9	Insecticide	-	-	-		
Fenthion-sulfone	3761-42-0	Insecticide	-	-	-		
Fenuron	101-42-8	Herbicide	-	-	-		
Fenvalerate	51630-58-1	Insecticide,	3(1991)	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-		
Fenvalerate II	51630-58-1	Insecticide,	3(1991)	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-		
Fepropimorph	67564-91-4	Fungicide	-	-	-		
Fipronil	120068-37-3	Insecticide, Pharmacological,	-	-	-		
Fipronil, Desulfinyl-	205650-65-3	General Pesticide	-	-	-		
Fipronil-sulfide	120067-83-6	Insecticide	-	-	-		
Fipronil-sulfone	120068-36-2	Insecticide	-	-	-		
Flamprop-isopropyl	52756-22-6	Herbicide	-	-	-		
Flamprop-methyl	52756-25-9	Herbicide	-	-	-		
Fluacrypyrim	229977-93-9	General Pesticide	-	-	-		
Fluazifop-p-butyl	79241-46-6	Herbicide	-	-	-		
Fluazinam	79622-59-6	Fungicide	-	-	-		
Fluazolate	174514-07-9	Herbicide	-	-	-		
Flubenzimine	37893-02-0	Fungicide	-	-	-		
Fluchloralin	33245-39-5	Herbicide	-	-	-		
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Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Flucythrinate I	70124-77-5	Insecticide,	-	-	-		
Flucythrinate II	70124-77-5	Insecticide,	-	-	-		
Fludioxonil	131341-86-1	Fungicide,	-	-	-		
Flufenacet	142459-58-3	Herbicide,	-	-	-		
Flumetralin	62924-70-3	Herbicide	-	-	-		
Flumiclorac-pentyl	87546-18-7	Herbicide	-	-	-		
Flumioxazin	103361-09-7	Herbicide	-	-	-		
Fluometuron	2164-17-2	Herbicide	3(1987)	Oral RfD Assessment: Yes (Last revised: 09- 30-1987),	-		
fluoranthene	206-44-0	PAH, Pharmacological,	3(2010)	Oral RfD Assessment: Yes (Last revised: 09- 01-1990). Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)			
fluorene	86-73-7	РАН,	3(2010)	Oral RfD Assessment: Yes (Last revised: 11- 01-1990). Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)	-		
Fluorodifen	15457-05-3	Herbicide	-	-	-		
Fluoroglycofen-ethyl	77501-90-7	Herbicide	-	-	-		
Fluoroimide	41205-21-4	Fungicide	-	-	-		
Fluotrimazole	31251-03-3	Fungicide	-	-	-		
Fluoxastrobin cis-	361377-29-9	Fungicide, Herbicide	-	-	-		
Fluquinconazole	136426-54-5	Fungicide	-	-	-		
Flurenol-butyl ester	2314-09-2	Herbicide	-	-	-		
Flurenol-methylester	1216-44-0	General Pesticide	-	-	-		
Fluridone	59756-60-4	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988),	-		
Flurochloridone I	61213-25-0	Herbicide	-	-	-		
Flurochloridone II	61213-25-0	Herbicide	-	-	-		
Flurochloridone, deschloro-	999003-03-1	Pesticide Product	-	-	-		
Fluroxypyr-1-methylheptyl ester	81406-37-3	Herbicide	-	-	-		
Flurprimidol	56425-91-3	General Pesticide	-	-	-		
Flurtamone	96525-23-4	Herbicide	-	-	-		
Flusilazole	85509-19-9	Fungicide,	-	-	-		
Fluthiacet-methyl	117337-19-6	Herbicide	-	-	-		
Flutolanil	66332-96-5	Fungicide,	-	-	_		
Flutriafol	76674-21-0	Fungicide,	_	-	_		
Fluvalinate-tau-l	102851-06-9	Insecticide	-	-	_		
Fluvalinate-tau-II	102851-06-9	Insecticide	_	-	_		
	133-07-3	Fungicide	-	_	cancer (1/1/1000)		
Folpet		Insecticide	-	Oral RfD	cancer (1/1/1989)		
Fonofos	944-22-9	Insecticide	-	Assessment: Yes (Last revised: 03-31-1987).			





Formothion Fosthiazate I Fosthiazate II Fuberidazole FuralaxyI	2540-82-1 98886-44-3 98886-44-3 3878-19-1 57646-30-7	Insecticide Insecticide Insecticide	WHO IARC *	EPA IRIS**	Cal/EPA***
Fosthiazate I Fosthiazate II Fuberidazole	98886-44-3 98886-44-3 3878-19-1	Insecticide	-	-	-
Fosthiazate I Fosthiazate II Fuberidazole	98886-44-3 98886-44-3 3878-19-1	Insecticide	-		
Fuberidazole	3878-19-1	Insorticido	The second secon	-	-
		IIISECIICIUE	-	-	-
Furalaxyl	57646-30-7	Fungicide	-	-	-
,		Fungicide	-	-	-
Furathiocarb	65907-30-4	Insecticide	-	-	-
Furilazole	121776-33-8	Herbicide	-	-	cancer (3/22/2011)
Furmecyclox	60568-05-0	Fungicide	-	Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	cancer (1/1/1990)
Galaxolide	1222-05-5	Personal Care, Industrial,	-	-	-
gamma-Chlordane	5103-74-2	Insecticide,	-	-	-
Geraniol	106-24-1	Personal Care, Natural	-	-	-
guaiacol	90-05-1	Industrial, Natural,	-	-	-
Halfenprox	111872-58-3	Insecticide	-	-	-
Haloxyfop-methyl	69806-40-2	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 05- 01-1990).	-
Heptachlor	76-44-8	Fungicide, Insecticide,	2B(2001)	Oral RfD Assessment: Yes (Last revised: 09- 30-1987), Carcinogenicity Assessment: Yes (Last revised: 09- 30-1987)	cancer (7/1/1988) developmental (8/20/1999)
Heptachlor epoxide	1024-57-3	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987). Carcinogenicity Assessment: Yes (Last revised: 09- 30-1987)	cancer (7/1/1988)
Heptachlor epoxide isomer A	28044-83-9	General Pesticide	-	-	-
Heptenophos	23560-59-0	Insecticide	-	-	-
Hexabromobenzene	87-82-1	Flame Retardant	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-
Hexachlorobenzene	118-74-1	Fungicide, Industrial,	2B(2001)	Oral RfD Assessment: Yes (Last revised: 09- 26-1988). Inhalation RfC Assessment: Message (Last revised: 03-01- 1991). Carcinogenicity Assessment: Yes (Last revised: 03- 01-1991).	cancer (10/1/1987) developmental (1/1/1989)
Hexachlorophene	70-30-4	Fungicide, Pharmacological,	3(1987)	Oral RfD Assessment: Yes (Last revised: 08- 22-1988),	-
Hexaconazole	79983-71-4	Fungicide,	-	-	-





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
Hexazinone	51235-04-2	Herbicide	-	Oral RfD	-	
				Assessment: Yes (Last revised: 09-30-1987),		
Hexestrol	84-16-2	Pharmacological	-	-	-	
Hydroprene	41096-46-2	Insecticide,	-	-	-	
hydroxy-citronellal	107-75-5	Personal Care	-	-	-	
Imazalil	35554-44-0	Fungicide, Industrial,	-	-	cancer (5/20/2011)	
Imazamethabenz-methyl I	81405-85-8	Herbicide	-	-	-	
Imazamethabenz-methyl II	81405-85-8	Herbicide	-	-	-	
Imibenconazole	86598-92-7	Fungicide	-	-	-	
Imibenconazole-desbenzyl	154221-27-9	Pesticide Product	-	-	-	
Imidan	732-11-6	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	-	
indeno[1,2,3-cd]pyrene	193-39-5	РАН,	2B(2010)	Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)	cancer (1/1/1988)	
indole	120-72-9	Personal Care, Industrial,	-	-	-	
Indoxacarb and Dioxacarb decomposition product [Phenol, 2-(1,3-dioxolan-2-yl)-]	999058-03-6	Insecticide,	-	-	-	
loxynil	1689-83-4	Herbicide,	-	-	-	
loxynil octanoate	3861-47-0	Herbicide	-	-	-	
Ipconazole	125225-28-7	Fungicide	-	-	-	
Iprobenfos	26087-47-8	Fungicide	-	-	-	
Iprodione	36734-19-7	Fungicide,	-	Oral RfD Assessment: Yes (Last revised: 06-30-1988).	cancer (5/1/1996)	
Iprovalicarb I	140923-17-7	Fungicide	-	-	-	
Iprovalicarb II	140923-17-7	Fungicide	-	-	-	
Irgarol	28159-98-0	General Pesticide,	-	-	-	
Isazophos	42509-80-8	Fungicide, Insecticide	-	-	-	
Isobenzan	297-78-9	Insecticide	-	-	-	
Isobornyl thiocyanoacetate	115-31-1	Insecticide	-	-	-	
Isocarbamide	30979-48-7	Herbicide	-	-	-	
Isocarbophos	24353-61-5	Insecticide	-	-	-	
Isodrin	465-73-6	Insecticide	-	-	-	
isoeugenol	97-54-1	Personal Care, Natural,	-	-	-	
Isofenphos	25311-71-1	Insecticide,	-	-	-	
Isofenphos-oxon	31120-85-1	General Pesticide	-	-	-	
Isomethiozin	57052-04-7	Herbicide	-	-	-	
Isoprocarb	2631-40-5	Insecticide	-	-	-	
Isopropalin	33820-53-0	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	-	
Isoprothiolane	50512-35-1	Fungicide, Insecticide,	-	<u> </u>	-	
Isoproturon	34123-59-6	Herbicide,	-	-	-	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Isoxaben	82558-50-7	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 09- 26-1988). Carcinogenicity Assessment: Yes (Last revised: 09- 01-1991)	-		
Isoxadifen-ethyl	163520-33-0	Herbicide	-	-	-		
Isoxaflutole	141112-29-0	Herbicide	-	-	cancer (12/22/2000)		
Isoxathion	18854-01-8	Insecticide,	-	-	-		
Jasmolin I	4466-14-2	Insecticide	-	-	-		
Jasmolin II	1172-63-0	Insecticide	-	-	-		
Jodfenphos	18181-70-9	Insecticide	-	-	-		
Kepone	143-50-0	Fungicide, Insecticide,	2B(1987)	Oral RfD Assessment: Yes (Last revised: 09- 22-2009). Inhalation RfC Assessment: Discussion (Last revised: 09-22- 2009). Carcinogenicity Assessment: Yes (Last revised: 09- 22-2009)	cancer (1/1/1988) developmental (1/1/1989)		
Kinoprene	42588-37-4	Insecticide,	-	-	-		
Kresoxim-methyl	143390-89-0	Fungicide	-	-	cancer (2/3/2012)		
Lactofen	77501-63-4	Herbicide	-	-	cancer (1/1/1989)		
Lenacil	2164-08-1	Herbicide	-	-	-		
Leptophos	21609-90-5	Insecticide,	-	-	-		
Leptophos oxon	25006-32-0	Insecticide	-	-	-		
lilial	80-54-6	Personal Care,	-	-	-		
Linalool	78-70-6	Insecticide, Personal Care	-	-	-		
Lindane	58-89-9	Fungicide, Insecticide,	1(2018)	Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	-		
Linuron	330-55-2	Herbicide,	-	-	developmental (3/19/1999)		
lyral	31906-04-4	Personal Care	-	-	-		
m-Cresol	108-39-4	Industrial	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988). Inhalation RfC Assessment: Message (Last revised: 04-01- 1992). Carcinogenicity Assessment: Yes (Last revised: 09- 01-1990)	-		
m-toluidine	108-44-1	Industrial,	-	-	-		
Malathion	121-75-5	Insecticide, Pharmacological,	2A(2017)	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	cancer (5/20/2016)		
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Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
MCPA methyl ester	2436-73-9	General Pesticide	-	-	-	
MCPA-butoxyethyl ester	19480-43-4	Herbicide	-	-	-	
MCPB methyl ester	57153-18-1	Herbicide	-	-	-	
Mecarbam	2595-54-2	Insecticide	-	-	-	
Mecoprop methyl ester	23844-56-6	General Pesticide	-	-	-	
Mefenacet	73250-68-7	Herbicide,	-	-	-	
Mefenpyr-diethyl	135590-91-9	Herbicide	-	-	-	
Mefluidide	53780-34-0	Herbicide	-	-	-	
Menazon	78-57-9	Insecticide	-	-	-	
Mepanipyrim	110235-47-7	Fungicide	-	-	cancer (7/1/2008)	
Mephosfolan	950-10-7	Insecticide	-	-	- ,	
Mepronil	55814-41-0	Fungicide	-	-	-	
Merphos	150-50-5	General Pesticide	-	Oral RfD Assessment: Yes (Last revised: 09- 07-1988). Inhalation RfC Assessment: Message (Last revised: 11-01- 1992).	-	
Metalaxyl	57837-19-1	Fungicide	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	-	
Metamitron	41394-05-2	Herbicide	-	-	-	
Metazachlor	67129-08-2	Herbicide	-	-	-	
Metconazole I	125116-23-6	Fungicide	-	-	-	
Metconazole II	125116-23-6	Fungicide	-	-	-	
Methabenzthiazuron [decomposition product]	16954-69-1	Herbicide	-	-	-	
Methacrifos	62610-77-9	Insecticide	-	-	-	
Methamidophos	10265-92-6	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	-	
Methfuroxam	28730-17-8	Fungicide	-	-	-	
Methidathion	950-37-8	Insecticide	-	-	-	
Methiocarb	2032-65-7	Insecticide,	-	-	-	
Methiocarb Sulfone	2179-25-1	General Pesticide	-	-	-	
Methiocarb sulfoxide	2635-10-1	General Pesticide	-	-	-	
Methomyl	16752-77-5	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	-	
Methoprene I	40596-69-8	Insecticide,	-	-	-	
Methoprene II	65733-16-6	Insecticide	-	-	-	
Methoprotryne	841-06-5	Herbicide	-	-	-	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Methoxychlor	72-43-5	Insecticide, Pharmacological,	3(1987)	Oral RfD Assessment: Yes (Last revised: 09- 01-1990). Inhalation RfC Assessment: Discussion (Last revised: 12-01- 1993). Carcinogenicity Assessment: Yes (Last revised: 09- 07-1988)	-		
Methoxychlor olefin	2132-70-9	General Pesticide	-	-	-		
Methyl (2-naphthoxy)acetate	1929-87-9	Herbicide	-	-	-		
METHYL 2-OCTYNOATE	111-12-6	Personal Care	-	-	-		
Methyl paraoxon	950-35-6	Insecticide,	-	-	-		
Methyl-1-naphthalene acetate	2876-78-0	General Pesticide	-	-	-		
Methyldymron	42609-73-4	Herbicide	-	-	-		
Methyleugenol	93-15-2	Personal Care, Natural	2B(2013)	-	cancer (11/16/2001)		
Metobromuron	3060-89-7	Herbicide	-	-	-		
Metolachlor	51218-45-2	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 10- 01-1990). Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	-		
Metolcarb	1129-41-5	Insecticide	-	-	-		
Metominostrobin (E)	133408-50-1	Fungicide	-	-	-		
Metominostrobin (Z)	999022-03-6	Fungicide	-	-	-		
Metrafenone	220899-03-6	Fungicide	-	-	-		
Metribuzin	21087-64-9	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987). Carcinogenicity Assessment: Yes (Last revised: 12- 01-1993)	-		
Mevinphos	7786-34-7	Insecticide,	-	-	-		
Mirex	2385-85-5	Insecticide,	2B(1987)	Oral RfD Assessment: Yes (Last revised: 10- 01-1992).	cancer (1/1/1988)		
Molinate	2212-67-1	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 26-1988),	developmental, female, male (12/11/2009)		
Monalide	7287-36-7	Herbicide	-	-	-		
Monocrotophos	6923-22-4	Insecticide,	-	-	-		
Monolinuron	1746-81-2	Herbicide	-	-	-		
Musk amberette	83-66-9	Personal Care	3(1996)	-	-		
Musk Ketone	81-14-1	Personal Care,		-	-		
Musk Moskene	116-66-5	Personal Care	-	-	-		
Musk Tibetene (Moschustibeten)	145-39-1	Personal Care	-	-	-		
Musk xylene	81-15-2	Personal Care,	3(1996)	-	-		





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
Myclobutanil	88671-89-0	Fungicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 26-1988).	developmental, male (4/16/1999)
n,n-diethyl-3-aminophenol	91-68-9	Industrial,	-	-	-
N,N-Diethyl-m-toluamide	134-62-3	Insecticide	-	-	-
N-1-Naphthylacetamide	575-36-0	PAH	-	-	-
N-Cyclohexyl-2- benzothiazolylsulfenamide	95-33-0	Industrial	-	-	-
N-Methyl-N-1-naphthyl acetamide	5903-13-9	Insecticide, PAH	-	-	-
n-phenyl-1-naphthylamine	90-30-2	Industrial	-	-	-
n-phenyl-2-naphthylamine	135-88-6	Industrial	3(1987)	-	-
Naled	300-76-5	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-
naphthalene	91-20-3	РАН,	2B(2002)	Oral RfD Assessment: Yes (Last revised: 09- 17-1998), Inhalation RfC Assessment: Yes (Last revised: 09- 17-1998), Carcinogenicity Assessment: Yes (Last revised: 09- 17-1998)	cancer (4/19/2002)
Naphthalic anhydride	81-84-5	Herbicide, PAH, Industrial	-	-	-
Naphthanthrone	3074-00-8	ОРАН	-	-	-
naphtho[1,2-b]fluoranthene	111189-32-3	PAH	3(2010)	-	-
naphtho[2,3-a]pyrene	196-42-9	PAH,	-	-	-
naphtho[2,3-e]pyrene	193-09-9	PAH	3(2010)	-	-
naphtho[2,3-j]fluoranthene	205-83-4	PAH	-	-	-
naphtho[2,3-k]fluoranthene	207-18-1	PAH	-	-	-
Naproanilide	52570-16-8	Herbicide, PAH	-	-	-
Napropamide	15299-99-7	Herbicide, PAH	-	-	-
Nickel dibutyldithiocarbamate	13927-77-0	Personal Care, Industrial	-	-	-
Nicotine	54-11-5	Insecticide, Pharmacological,	-	-	developmental (4/1/1990)
Nitralin	4726-14-1	Herbicide	-	-	-
Nitrapyrin	1929-82-4	Fungicide, Insecticide	-	-	cancer (10/5/2005) developmental (3/30/1999)
Nitrofen	1836-75-5	Herbicide,	2B(1987)	-	cancer (1/1/1988)
Nitrothal-isopropyl	10552-74-6	Fungicide	-	-	-
Norflurazon	27314-13-2	Herbicide	-	-	-
Norflurazon, Desmethyl-	23576-24-1	Herbicide	-	-	-
Nuarimol	63284-71-9	Fungicide,	-	-	-
o-Dichlorobenzene	95-50-1	Herbicide, Insecticide, Industrial,	3(1999)	Oral RfD Assessment: Yes (Last revised: 08- 01-1989), Carcinogenicity Assessment: Yes (Last revised: 11- 01-1990)	-





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Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
o-Phenylphenol	90-43-7	Fungicide, Insecticide, Industrial,	3(1999)	-	cancer (8/4/2000)	
o-Toluidine	95-53-4	Industrial,	1(2012)	-	cancer (1/1/1988)	
Octachlorostyrene	29082-74-4	Industrial,	-	-	-	
Octamethyl pyrophosphoramide	152-16-9	Insecticide	-	-	-	
Ofurace	58810-48-3	Fungicide	-	-	-	
Omethoate	1113-02-6	Insecticide	-	-	-	
Orbencarb	34622-58-7	Herbicide	-	-	-	
ortho-Aminoazotoluene	97-56-3	Industrial	2B(1987)	-	cancer (7/1/1987)	
Oryzalin	19044-88-3	Herbicide,	-	-	cancer (9/12/2008)	
Oxabetrinil	74782-23-3	Herbicide	-	-	-	
Oxadiazon	19666-30-9	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	cancer (7/1/1991) developmental (5/15/1998)	
Oxadixyl	77732-09-3	Fungicide	-	-	-	
Oxamyl	23135-22-0	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-	
Oxycarboxin	5259-88-1	Fungicide	-	-	-	
Oxychlordane	27304-13-8	Insecticide	-	-	-	
Oxydemeton-methyl	301-12-2	Insecticide	-	-	female, male (11/6/1998)	
Oxyfluorfen	42874-03-3	Herbicide,	-	-	-	
p,p'-DDM [bis(4- chlorophenyl)methane]	101-76-8	Industrial	-	-	-	
p,p'-Dibromobenzophenone	3988-03-2	General Pesticide	-	-	-	
p,p'-Dicofol	115-32-2	Insecticide,	3(1987)	-	-	
p-Dichlorobenzene	106-46-7	Fungicide, Insecticide, Industrial	2B(1999)	Inhalation RfC Assessment: Yes (Last revised: 01- 01-1994).	cancer (1/1/1989)	
p-Nitrotoluene	99-99-0	Industrial	-	-	-	
p-toluidine	106-49-0	Industrial,	-	-	-	
Paclobutrazol	76738-62-0	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-	
Paraoxon	311-45-5	Insecticide, Pharmacological,	-	Carcinogenicity Assessment: Yes (Last revised: 10- 01-1992)	-	
Parathion-ethyl	56-38-2	Insecticide,	2B(2017)	Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	cancer (5/20/2016)	
Parathion-methyl	298-00-0	Fungicide, Insecticide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-	
PBB 1	2052-07-5	Flame Retardant, PBB	2A(2016)	-	-	
PBB 10	59080-32-9	Flame Retardant, PBB	2A(2016)	-	-	
PBB 15	92-86-4	Flame Retardant, PBB	2A(2016)	-	-	
PBB 18	59080-34-1	Flame Retardant, PBB	2A(2016)	-	-	
PBB 2	2113-57-7	Flame Retardant, PBB	2A(2016)	-	-	
PBB 26	59080-35-2	Flame Retardant, PBB	2A(2016)	-	-	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
PBB 29	115245-07-3	Flame Retardant, PBB	2A(2016)	-	-	
PBB 3	92-66-0	Flame Retardant, PBB	2A(2016)	-	-	
PBB 30	59080-33-0	Flame Retardant, PBB	2A(2016)	-	-	
PBB 31	59080-36-3	Flame Retardant, PBB	2A(2016)	-	-	
PBB 4	13029-09-9	Flame Retardant, PBB	2A(2016)	-	-	
PBB 49	60044-24-8	Flame Retardant, PBB	2A(2016)	-	-	
PBB 52	59080-37-4	Flame Retardant, PBB	2A(2016)	-	-	
PBB 53	60044-25-9	Flame Retardant, PBB	2A(2016)	-	-	
PBB 7	53592-10-2	Flame Retardant, PBB	2A(2016)	-	-	
PBB 77	77102-82-0	Flame Retardant, PBB,	2A(2016)	-	-	
PBB 80	16400-50-3	Flame Retardant, PBB	2A(2016)	-	-	
PBB 9	57422-77-2	Flame Retardant, PBB	2A(2016)	-	-	
PBB-101	67888-96-4	Flame Retardant, PBB	2A(2016)	-	-	
PBB-103	59080-39-6	Flame Retardant, PBB	2A(2016)	-	-	
PBB-114	96551-70-1	Flame Retardant, PBB	2A(2016)	-	-	
PBB-137	81381-52-4	Flame Retardant, PBB	2A(2016)	-	-	
PBB-141	120991-47-1	Flame Retardant, PBB	2A(2016)	-	-	
PBB-153	59080-40-9	Flame Retardant, PBB,	2A(2016)	-	-	
PBB-155	59261-08-4	Flame Retardant, PBB	2A(2016)	-	-	
PBB-156	77607-09-1	Flame Retardant, PBB	2A(2016)	-	-	
PBB-159	120991-48-2	Flame Retardant, PBB	2A(2016)	-	-	
PBB-169	60044-26-0	Flame Retardant, PBB,	2A(2016)	-	-	
PBB-180	67733-52-2	Flame Retardant, PBB	2A(2016)	-	-	
PBB-189	88700-06-5	Flame Retardant, PBB	2A(2016)	-	-	
PBB-200	119264-60-7	Flame Retardant, PBB	2A(2016)	-	-	
PBDE 1	7025-06-1	Flame Retardant, PBDE	-	-	-	
PBDE 10	51930-04-2	Flame Retardant, PBDE	-	-	-	
PBDE 100	189084-64-8	Flame Retardant, PBDE,	-	-	-	
PBDE 103	446254-67-7	Flame Retardant, PBDE	-	-	-	
PBDE 108	446254-71-3	Flame Retardant, PBDE	-	-	-	
PBDE 11	6903-63-5	Flame Retardant, PBDE	-	-	-	
PBDE 115	446254-78-0	Flame Retardant, PBDE	-	-	-	
PBDE 116	189084-65-9	Flame Retardant, PBDE	-	-	-	
PBDE 118	446254-80-4	Flame Retardant, PBDE	-	-	-	
PBDE 119	189084-66-0	Flame Retardant, PBDE,	-	-	-	
PBDE 12	189084-59-1	Flame Retardant, PBDE	-	-	-	
PBDE 127	446254-86-0	Flame Retardant, PBDE	-	-	-	
PBDE 128	182677-28-7	Flame Retardant, PBDE	-	-	-	
PBDE 13	83694-71-7	Flame Retardant, PBDE	-	-	-	
PBDE 138	182677-30-1	Flame Retardant, PBDE	-	-	-	
PBDE 142	446254-98-4	Flame Retardant, PBDE	-	-	-	
PBDE 144	446255-00-1	Flame Retardant, PBDE	-	-	-	
PBDE 15	2050-47-7	Flame Retardant, PBDE	-	Carcinogenicity Assessment: Ye (Last revised: 08 01-1990)		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PBDE 153	68631-49-2	Flame Retardant, PBDE,	-	Oral RfD Assessment: Yes (Last revised: 06- 30-2008). Inhalation RfC Assessment: Discussion (Last revised: 06-30- 2008). Carcinogenicity Assessment: Yes (Last revised: 06-	-		
PBDE 154	207122-15-4	Flame Retardant, PBDE		30-2008)			
PBDE 155		·	<u>-</u>	<u>-</u>	-		
	35854-94-5	Flame Retardant, PBDE,	-	-	-		
PBDE 160	446255-11-4	Flame Retardant, PBDE	-	-	-		
PBDE 166	189084-58-0	Flame Retardant, PBDE,	-	-	-		
PBDE 17	147217-75-2	Flame Retardant, PBDE	-	-	-		
PBDE 185	405237-86-7	Flame Retardant, PBDE	-	-	-		
PBDE 19	147217-73-0	Flame Retardant, PBDE,	-	-	-		
PBDE 2	6876-00-2	Flame Retardant, PBDE	-	-	-		
PBDE 201	446255-50-1	Flame Retardant, PBDE	-	-	-		
PBDE 21	337513-67-4	Flame Retardant, PBDE	-	-	-		
PBDE 25	147217-77-4	Flame Retardant, PBDE	-	-	-		
PBDE 26	337513-75-4	Flame Retardant, PBDE	-	-	-		
PBDE 27	337513-53-8	Flame Retardant, PBDE	-	-	-		
PBDE 28	41318-75-6	Flame Retardant, PBDE,	-	-	-		
PBDE 3	101-55-3	Flame Retardant, PBDE	-	Carcinogenicity Assessment: Yes (Last revised: 08- 01-1990)	-		
PBDE 30	155999-95-4	Flame Retardant, PBDE,	-	-	-		
PBDE 31	65075-08-3	Flame Retardant, PBDE	-	-	-		
PBDE 32	189084-60-4	Flame Retardant, PBDE,	-	-	-		
PBDE 33	147217-78-5	Flame Retardant, PBDE	-	-	-		
PBDE 35	147217-80-9	Flame Retardant, PBDE	-	-	-		
PBDE 37	147217-81-0	Flame Retardant, PBDE	-	-	-		
PBDE 4	51452-87-0	Flame Retardant, PBDE	_	_	_		
PBDE 47	5436-43-1	Flame Retardant, PBDE,	-	Oral RfD Assessment: Yes (Last revised: 06- 30-2008), Inhalation RfC Assessment: Discussion (Last revised: 06-30- 2008), Carcinogenicity Assessment: Yes (Last revised: 06- 30-2008)	-		
PBDE 49	243982-82-3	Flame Retardant, PBDE,	-	-	-		
PBDE 50	446254-23-5	Flame Retardant, PBDE	-	-	-		
PBDE 51	189084-57-9	Flame Retardant, PBDE,	-	-	-		
PBDE 6	147217-72-9	Flame Retardant, PBDE,	-	-	-		
PBDE 62	446254-33-7	Flame Retardant, PBDE	_	_	_		
		-	-				
PBDE 66	189084-61-5	Flame Retardant, PBDE	<del>-</del>	<del>-</del>	1-		





Compound	CAS#	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
PBDE 69	327185-09-1	Flame Retardant, PBDE	-	-	-
PBDE 7	171977-44-9	Flame Retardant, PBDE	-	-	-
PBDE 71	189084-62-6	Flame Retardant, PBDE,	-	-	-
PBDE 75	189084-63-7	Flame Retardant, PBDE,	-	-	-
PBDE 77	93703-48-1	Flame Retardant, PBDE	-	-	-
PBDE 8	147217-71-8	Flame Retardant, PBDE	-	-	-
PBDE 85	182346-21-0	Flame Retardant, PBDE,	-	-	-
PBDE 88	446254-55-3	Flame Retardant, PBDE	-	-	-
PBDE 89	446254-56-4	Flame Retardant, PBDE	-	-	-
PBDE 9	337513-66-3	Flame Retardant, PBDE	-	-	-
PBDE 99	60348-60-9	Flame Retardant, PBDE,		Oral RfD Assessment: Yes (Last revised: 06- 30-2008). Inhalation RfC Assessment: Discussion (Last revised: 06-30- 2008). Carcinogenicity Assessment: Yes (Last revised: 06- 30-2008)	-
PCB 1	2051-60-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-
PCB 10	33146-45-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-
PCB 101	37680-73-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994) Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-
PCB 102	68194-06-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 103	60145-21-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 104	56558-16-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 105	32598-14-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 106	70424-69-0	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 107	70424-68-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 108	70362-41-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 109	74472-35-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 11	2050-67-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 110	38380-03-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 111	39635-32-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 112	74472-36-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 113	68194-10-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 114	74472-37-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 115	74472-38-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 116	18259-05-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)			
PCB 117	68194-11-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 118	31508-00-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)			
PCB 119	56558-17-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)			
PCB 12	2974-92-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)			
PCB 120	68194-12-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)			
PCB 121	56558-18-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)			





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 122	76842-07-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 123	65510-44-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 124	70424-70-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 125	74472-39-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 126	57465-28-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 127	39635-33-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)			
PCB 128	38380-07-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 129	55215-18-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 13	2974-90-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 130	52663-66-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 131	61798-70-7	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 132	38380-05-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 133	35694-04-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 134	52704-70-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 135	52744-13-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 136	38411-22-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 137	35694-06-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 138	35065-28-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 139	56030-56-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 14	34883-41-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 140	59291-64-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 141	52712-04-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 142	41411-61-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 143	68194-15-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 144	68194-14-9	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 145	74472-40-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 146	51908-16-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	_		
PCB 147	68194-13-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 148	74472-41-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-
PCB 149	38380-04-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-
PCB 15	2050-68-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-
PCB 150	68194-08-1	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 151	52663-63-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-
PCB 152	68194-09-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 153	35065-27-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 154	60145-22-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 155	33979-03-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 156	38380-08-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 157	69782-90-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 158	74472-42-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 159	39635-35-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 16	38444-78-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	S # Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 160	41411-62-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 161	74472-43-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 162	39635-34-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 163	74472-44-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 164	74472-45-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 165	74472-46-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 166	41411-63-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
PCB 167	52663-72-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 168	59291-65-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 169	32774-16-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 17	37680-66-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 170	35065-30-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 171	52663-71-5	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)		
PCB 172	52663-74-8	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 173	68194-16-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 174	38411-25-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 175	40186-70-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 176	52663-65-7	РСВ,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 177	52663-70-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 178	52663-67-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 179	52663-64-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 18	37680-65-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 180	35065-29-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 181	74472-47-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 182	60145-23-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 183	52663-69-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 184	74472-48-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 185	52712-05-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
PCB 186	74472-49-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)		
PCB 187	52663-68-0	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 188	74487-85-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 189	39635-31-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)		
PCB 19	38444-73-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 190	41411-64-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 191	74472-50-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 192	74472-51-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 193	69782-91-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 194	35694-08-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 195	52663-78-2	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 196	42740-50-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 197	33091-17-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 198	68194-17-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 199	52663-75-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	_		
PCB 2	2051-61-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 20	38444-84-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 200	52663-73-7	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)			
PCB 201	40186-71-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 202	2136-99-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 203	52663-76-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 204	74472-52-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	_		
PCB 205	74472-53-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 206	40186-72-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)			
PCB 207	52663-79-3	РСВ	1(2012)	Oral RfD. Assessment: Message (Last revised: 06-01-1994). Carcinogenicity. Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 208	52663-77-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 21	55702-46-0	РСВ,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 22	38444-85-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
PCB 23	55720-44-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 24	55702-45-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 25	55712-37-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 26	38444-81-4	РСВ,	1(2012)	Oral RfD. Assessment: Message (Last revised: 06-01-1994). Carcinogenicity. Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 27	38444-76-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 28	7012-37-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 29	15862-07-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
PCB 3	2051-62-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 30	35693-92-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 31	16606-02-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 32	38444-77-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 33	38444-86-9	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 34	37680-68-5	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)		
PCB 35	37680-69-6	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	





Compound	CAS#	Classification		Risk	Asbiewa
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 36	38444-87-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	_
PCB 37	38444-90-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 38	53555-66-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 39	38444-88-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 4	13029-08-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 40	38444-93-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	
PCB 41	52663-59-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	





Compound	CAS#	Classification		Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***	
PCB 42	36559-22-5	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-	
PCB 43	70362-46-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 44	41464-39-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 45	70362-45-7	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 46	41464-47-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 47	2437-79-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	
PCB 48	70362-47-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-	





Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 49	41464-40-8	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 5	16605-91-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 50	62796-65-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 51	68194-04-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 52	35693-99-3	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 53	41464-41-9	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 54	15968-05-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	





Compound	CAS#	Classification		Risk	Asbaen.
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 55	74338-24-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 56	41464-43-1	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-
PCB 57	70424-67-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 58	41464-49-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 59	74472-33-6	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 6	25569-80-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 60	33025-41-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 61	33284-53-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 62	54230-22-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 63	74472-34-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 64	52663-58-8	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 65	33284-54-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 66	32598-10-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 67	73575-53-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		



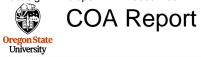


Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 68	73575-52-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 69	60233-24-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 7	33284-50-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 70	32598-11-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 71	41464-46-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 72	41464-42-0	РСВ	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 73	74338-23-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 74	32690-93-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 75	32598-12-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 76	70362-48-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 77	32598-13-3	РСВ,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 78	70362-49-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 79	41464-48-6	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)			
PCB 8	34883-43-7	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





University  Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 80	33284-52-5	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 81	70362-50-4	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 82	52663-62-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 83	60145-20-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 84	52663-60-2	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 85	65510-45-4	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 86	55312-69-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***		
PCB 87	38380-02-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 88	55215-17-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 89	73575-57-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 9	34883-39-1	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994). Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 90	68194-07-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01-1994), Carcinogenicity Assessment: Yes (Last revised: 10-01-1996)	-		
PCB 91	68194-05-8	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		
PCB 92	52663-61-3	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-		





Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
PCB 93	73575-56-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 94	73575-55-0	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 95	38379-99-6	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994) Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 96	73575-54-9	PCB,	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 97	41464-51-1	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994), Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
PCB 98	60233-25-2	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	
PCB 99	38380-01-7	PCB	1(2012)	Oral RfD Assessment: Message (Last revised: 06-01- 1994). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1996)	-
Pebulate	1114-71-2	Herbicide	-	-	-
Penconazole	66246-88-6	Fungicide,	-	-	-
Pendimethalin	40487-42-1	Herbicide,	-	-	-
Pentabromoethylbenzene	85-22-3	Flame Retardant	-	-	-





University	040 "	Olara; ii ratia	Risk				
Compound	CAS#	CAS # Classification					
			WHO IARC *	EPA IRIS**	Cal/EPA***		
Pentabromotoluene	87-83-2	Flame Retardant	-	-	-		
Pentachloroaniline	527-20-8	Fungicide,	-	-	-		
Pentachloroanisole	1825-21-4	General Pesticide	-	-	-		
Pentachlorobenzene	608-93-5	Fungicide, Insecticide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987). Carcinogenicity Assessment: Yes (Last revised: 11- 01-1992)	-		
Pentachloronitrobenzene	82-68-8	Fungicide,	3(1987)	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	-		
Pentachlorophenol	87-86-5	Fungicide, Herbicide, Insecticide, Industrial, Pulp/Paper,	1(2019)	Oral RfD Assessment: Yes (Last revised: 09- 30-2010). Inhalation RfC Assessment: Discussion (Last revised: 09-30- 2010). Carcinogenicity Assessment: Yes (Last revised: 09- 30-2010).	cancer (1/1/1990)		
Pentanochlor	2307-68-8	Herbicide	-	-	-		
Permethrin	52645-53-1	Insecticide,	3(1991)	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-		
Permethrin II	61949-76-6	Insecticide	-	-	-		
Perthane	72-56-0	Insecticide	-	-	-		
Phantolide	15323-35-0	PAH, Personal Care,	-	-	-		
phenanthrene	85-01-8	PAH,	3(2010)	Carcinogenicity Assessment: Yes (Last revised: 12- 01-1990)			
Phenanthrene-1,4-dione	569-15-3	ОРАН	-	-	-		
Phenkapton	2275-14-1	Insecticide	-	-	-		
Phenol	108-95-2	Pharmacological,	3(1999)	Oral RfD Assessment: Yes (Last revised: 09- 30-2002). Inhalation RfC Assessment: Discussion (Last revised: 09-30- 2002). Carcinogenicity Assessment: Yes (Last revised: 09- 30-2002)	-		
Phenothiazine	92-84-2	Fungicide, Insecticide, Pharmacological, Industrial	-	-	-		
Phenothrin I	51186-88-0	Insecticide	-	-	-		
Phenothrin II	26046-85-5	Insecticide	-	-	-		
Phenoxyacetic acid	122-59-8	Pesticide Product	-	-	-		
Phenthoate	2597-03-7	Insecticide,	-	-	-		
Phorate	298-02-2	Insecticide	-	-	-		





Compound	CAS # Cla	Classification	Risk			
<u> </u>			WHO IARC *	EPA IRIS**	Cal/EPA***	
Phorate sulfone	2588-04-7	Insecticide	WHO IAILO	LIAIMO	Oal/El A	
			-	-	-	
Phorate sulfoxide	2588-05-8	General Pesticide	-	-	-	
Phorate-oxon	2600-69-3	General Pesticide	-	-	-	
Phosalone	2310-17-0	Insecticide,	-	-	-	
Phosfolan	947-02-4	Insecticide	-	-	-	
Phosphamidon	13171-21-6	Insecticide,	-	-	-	
Phosphamidon II	13171-21-6	Insecticide,	-	-	-	
Phthalide	27355-22-2	Fungicide	-	-	-	
Phthalimide	85-41-6	Fungicide, Industrial	-	-	-	
Picloram methyl ester	14143-55-6	Herbicide	-	-	-	
Picolinafen	137641-05-5	Herbicide	-	-	-	
Picoxystrobin	117428-22-5	Fungicide	-	-	-	
Pindone	83-26-1	Insecticide, Rodenticide	-	-	-	
Piperalin	3478-94-2	Fungicide	-	-	-	
Piperonyl butoxide	51-03-6	Insecticide,	3(1987)	-	-	
Piperophos	24151-93-7	Herbicide,	-	-	-	
Pirimicarb	23103-98-2	Insecticide,	-	-	cancer (7/1/2008)	
Pirimiphos-ethyl	23505-41-1	Insecticide	-	-	- ,	
Pirimiphos-methyl	29232-93-7	Insecticide,	-	_	-	
Plifenat	21757-82-4	Insecticide	_	_	_	
Potasan	299-45-6	Insecticide			_	
	23031-36-9	Insecticide	-	-	-	
Prallethrin, cis-			-	-	-	
Prallethrin, trans-	999023-03-9	Insecticide	-	-	-	
Pretilachlor	51218-49-6	Herbicide,	-	-	-	
Probenazole	27605-76-1	Fungicide	-	-	-	
Prochloraz	67747-09-5	Fungicide, Industrial,	-	Oral RfD Assessment: Yes (Last revised: 01- 01-1989). Carcinogenicity Assessment: Yes (Last revised: 10- 01-1989)		
Procymidone	32809-16-8	Fungicide,	-	-	cancer (10/1/1994)	
Prodiamine	29091-21-2	Herbicide,	-	-	-	
Profenofos	41198-08-7	Insecticide,	-	-	-	
Profenofos metabolite (4-Bromo-2-chlorophenol)	3964-56-5	General Pesticide,	-	-	-	
Profluralin	26399-36-0	Herbicide	-	-	-	
Prohydrojasmon I	158474-72-7	Herbicide	-	-	-	
Prohydrojasmon II	158474-72-7	Herbicide	-	-	-	
Promecarb	2631-37-0	Insecticide	-	-	-	
Promecarb artifact [5-isopropyl-3-methylphenol]	3228-03-3	Insecticide,	-	-	-	
Prometon	1610-18-0	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987),	-	
Prometryn	7287-19-6	Herbicide,	-	-	-	
Propachlor	1918-16-7	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01-31-1987).	cancer (2/27/2001)	





Compound	CAS#	Classification	Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
Propamocarb	24579-73-5	Fungicide,	-	-	-	
Propanil	709-98-8	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 03- 01-1988).	-	
Propaphos	7292-16-2	Insecticide	-	-	-	
Propargite	2312-35-8	General Pesticide	-	-	cancer (10/1/1994) developmental (6/15/1999)	
Propargite metabolite [Cyclohexanol, 2-(4-tert-butylphenoxy)]	130336-40-2	Insecticide	-	-	-	
Propazine	139-40-2	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 08- 28-1987).	developmental, female (7/15/2016)	
propenyl guaethol	94-86-0	Personal Care,	-	-	-	
Propetamphos	31218-83-4	Insecticide	-	-	-	
Propham	122-42-9	Herbicide	3(1987)	Oral RfD Assessment: Yes (Last revised: 09- 30-1987).	-	
Propiconazole-II	60207-90-1	Fungicide,	-	-	-	
Propisochlor	86763-47-5	Herbicide	-	-	-	
Propoxur	114-26-1	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 07- 01-1992),	cancer (8/11/2006)	
Propyzamide	23950-58-5	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987),	cancer (5/1/1996)	
Prosulfocarb	52888-80-9	Herbicide	-	-	-	
Prothioconazole-desthio	120983-64-4	General Pesticide	-	-	-	
Prothiofos	34643-46-4	Insecticide,	-	-	-	
Prothoate	2275-18-5	Insecticide	-	-	-	
Pyracarbolid	24691-76-7	Fungicide	-	-	-	
Pyraclofos	89784-60-1	Insecticide	-	-	-	
Pyraflufen-ethyl	129630-19-9	Herbicide	-	-	-	
Pyrazon	1698-60-8	Herbicide	-	-	-	
Pyrazophos	13457-18-6	Fungicide, Insecticide	-	-	-	
Pyrazoxyfen	71561-11-0	Herbicide,	-	-	-	
Pyrene	129-00-0	PAH, Industrial,	3(2010)	Oral RfD Assessment: Yes (Last revised: 09- 01-1990). Carcinogenicity Assessment: Yes (Last revised: 09- 01-1990)		
Pyrethrin I	121-21-1	Insecticide	-	-	-	
Pyrethrin II	121-29-9	Insecticide	-	-	-	
Pyributicarb	88678-67-5	Herbicide	-	-	-	
Pyridaben	96489-71-3	Insecticide	-	-	-	
Pyridaphenthion	119-12-0	Insecticide	-	-	-	
Pyridate	55512-33-9	Herbicide,	-	-	-	
Pyridinitril	1086-02-8	Fungicide	-	-	-	
Pyrifenox I	88283-41-4	Fungicide,	_	_	_	





Compound	CAS # Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
Pyrifenox II	88283-41-4	Fungicide,	-	-	-	
Pyriftalid	135186-78-6	Herbicide	-	-	-	
Pyrimethanil	53112-28-0	Fungicide,	-	-	-	
Pyrimidifen	105779-78-0	Insecticide	-	-	-	
Pyriminobac-methyl (E)	136191-64-5	Herbicide	-	-	-	
Pyriminobac-methyl (Z)	999024-03-2	Herbicide	-	-	-	
Pyriproxyfen	95737-68-1	Insecticide,	-	-	-	
Pyroquilon	57369-32-1	Fungicide	-	-	-	
Quinalphos	13593-03-8	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-	
Quinoclamine	2797-51-5	Fungicide, Herbicide, OPAH	-	-	-	
Quinoline	91-22-5	Industrial,	2B(2019)	Oral RfD Assessment: Discussion (Last revised: 09-27-2001), Inhalation RfC Assessment: Discussion (Last revised: 09-27-2001), Carcinogenicity Assessment: Yes (Last revised: 09-27-2001)	-	
Quinoxyfen	124495-18-7	Fungicide,	-	-	-	
Quintozene metabolite (pentachlorophenyl methyl sulfide)	1825-19-0	Fungicide	-	-	-	
Quizalofop-ethyl	76578-14-8	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 09- 26-1988). Carcinogenicity Assessment: Yes (Last revised: 06- 01-1991)	male (12/24/1999)	
Rabenzazole	40341-04-6	Fungicide	-	-	-	
Resmethrin	10453-86-8	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09- 26-1988).	cancer (7/1/2008) developmental (11/6/1998)	
Resmethrine II	10453-86-8	Insecticide,	-	Oral RfD Assessment: Yes (Last revised: 09- 26-1988),	cancer (7/1/2008) developmental (11/6/1998)	
retene	483-65-8	РАН,	-	-	-	
Rotenone	83-79-4	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 09- 07-1988).	-	
S,S,S-Tributylphosphorotrithioate	78-48-8	Herbicide,	-	-	cancer (2/25/2011)	
Sebuthylazine	7286-69-3	Herbicide	-	-	-	
Sebuthylazine-desethyl	37019-18-4	General Pesticide	-	-	-	
Secbumeton	26259-45-0	Herbicide	-	-	-	
Silafluofen	105024-66-6	Insecticide	-	-	-	
Silthiopham	175217-20-6	Fungicide	-	-	-	





Compound	CAS#	Classification		Risk		
·	0.10		WHO IARC *	EPA IRIS**	Cal/EPA***	
Simazine	122-34-9	Herbicide,	3(1999)	Oral RfD Assessment: Yes (Last revised: 09- 01-1993).	developmental, female (7/15/2016)	
Simeconazole	149508-90-7	Fungicide	-	-	-	
Simetryn	1014-70-6	Herbicide	-	-	-	
Spirodiclofen	148477-71-8	Insecticide	-	-	cancer (10/8/2010)	
Spiromesifen	283594-90-1	Insecticide	-	-	-	
Spiroxamine I	118134-30-8	Fungicide, PAH	-	-	-	
Spiroxamine II	118134-30-8	Fungicide	-	-	-	
Spiroxamine metabolite (4-tert-butylcyclohexanone)	98-53-3	Pesticide Product	-	-	-	
Sudan I	842-07-9	PAH, Industrial	3(1987)	-	cancer (5/15/1998)	
Sudan II	3118-97-6	PAH, Industrial	3(1987)	-	-	
Sudan Red	1229-55-6	Industrial	-	-	-	
Sulfallate	95-06-7	Herbicide	2B(1987)	-	cancer (1/1/1988)	
Sulfanilamide	63-74-1	Pharmacological	-	-	-	
Sulfentrazone	122836-35-5	Herbicide	-	-	-	
Sulfotep	3689-24-5	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 09- 07-1988),	-	
Sulfur (S8)	10544-50-0	Fungicide, Natural	-	-	-	
Sulprofos	35400-43-2	Insecticide	-	-	-	
Swep	1918-18-9	Fungicide, Herbicide	-	-	-	
Tamoxifen	10540-29-1	Pharmacological	1(2012)	-	cancer (9/1/1996)	
TCEP	115-96-8	Flame Retardant,	3(1999)	-	cancer (4/1/1992)	
ТСМТВ	21564-17-0	Fungicide, Industrial,	-	-	-	
TCPP	26248-87-3	Flame Retardant, Industrial, Pulp/Paper	-	-	-	
Tebuconazole	107534-96-3	Fungicide,	-	-	-	
Tebufenpyrad	119168-77-3	Insecticide	-	-	-	
Tebupirimifos	96182-53-5	Insecticide	-	-	-	
Tebutam	35256-85-0	Herbicide	-	-	-	
Tebuthiuron	34014-18-1	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 08- 22-1988).	-	
Tecnazene	117-18-0	Fungicide	-	-	-	
Tefluthrin, cis-	79538-32-2	Insecticide	-	-	-	
Temephos	3383-96-8	Insecticide	-	-	-	
Terbacil	5902-51-2	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 01- 31-1987).	developmental (5/18/1999)	
Terbucarb	1918-11-2	Herbicide	-	-	-	
Terbufos	13071-79-9	Insecticide,	-	-	-	
Terbufos-oxon-sulfone	56070-15-6	General Pesticide	-	-	-	
Terbufos-sulfone	56070-16-7	General Pesticide	-	-	-	
Terbumeton	33693-04-8	Herbicide	-	-	-	
Terbuthylazine	5915-41-3	Herbicide,	-	-	-	
Terbuthylazine-desethyl	30125-63-4	General Pesticide	-	-	-	





Compound	CAS # Classification		Risk			
			WHO IARC *	EPA IRIS**	Cal/EPA***	
Torbuttore	996 50 0	Howhields	WHO IARC		CallEPA	
Terbutryn	886-50-0	Herbicide,	-	Oral RfD Assessment: Yes (Last revised: 09-	-	
				<u>26-1988),</u>		
Terrazole	2593-15-9	Fungicide,	-	-	cancer (10/1/1994)	
Tetrabromo-o-chlorotoluene	39569-21-6	Flame Retardant	-	-	-	
Tetrabromophthalate diol	20566-35-2	Flame Retardant	-	-	-	
Tetrachloroguaiacol	2539-17-5	Industrial, Pulp/Paper	-	-	-	
Tetrachlorvinphos	961-11-5	Insecticide	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-	
Tetraconazole	112281-77-3	Fungicide	-	-	-	
Tetradifon	116-29-0	General Pesticide,	-	-	-	
Tetraethyl pyrophosphate	107-49-3	Insecticide, Pharmacological	-	-	-	
Tetrahydrophthalimide, cis-1,2,3,6-	27813-21-4	Fungicide	-	-	-	
Tetramethrin I	7696-12-0	Insecticide,	-	-	-	
Tetramethrin II	7696-12-0	Insecticide,	-	-	-	
Tetrapropyl thiodiphosphate	3244-90-4	Insecticide	-	-	-	
Tetrasul	2227-13-6	General Pesticide	-	-	-	
Thenylchlor	96491-05-3	Herbicide,	-	-	-	
Theobromine	83-67-0	Pharmacological	3(1991)	-	-	
Thiabendazole	148-79-8	Fungicide, Pharmacological	-	-	-	
Thiazopyr	117718-60-2	Herbicide,	-	-	-	
Thifluzamide	130000-40-7	Fungicide	-	-	-	
Thiofanox	39196-18-4	Insecticide	-	-	-	
Thiometon	640-15-3	Insecticide	-	-	-	
Thionazin	297-97-2	Insecticide	-	-	-	
Thymol	89-83-8	Pharmacological	-	-	-	
Tilt	60207-90-1	Fungicide,	-	-	-	
Tiocarbazil I	36756-79-3	Herbicide	-	-	-	
Tiocarbazil II	36756-79-3	Herbicide	-	-	-	
Tolclofos-methyl	57018-04-9	Fungicide,	-	-	-	
Tolfenpyrad	129558-76-5	Insecticide	-	-	-	
Tolylfluanid	731-27-1	Fungicide,	-	-	-	
Tolylfluanid metabolite (DMST)	66840-71-9	General Pesticide	-	-	-	
Tolyltriazole [1H-Benzotriazole, 4-methyl-]	29878-31-7	Industrial	-	-	-	
Tolyltriazole [1H-Benzotriazole, 5-methyl-]	136-85-6	Industrial	-	-	-	
Tonalide	1506-02-1, 21145-77-7	Personal Care		-	-	
Toxaphene Parlar 26	142534-71-2	Insecticide	2B(2001)	Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	cancer (1/1/1988)	
Toxaphene Parlar 50	66860-80-8	Insecticide	2B(2001)	Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	cancer (1/1/1988)	
Toxaphene Parlar 62	154159-06-5	Insecticide	2B(2001)	Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	cancer (1/1/1988)	
TPP	115-86-6	Flame Retardant, Industrial,	-	-	-	





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Compound	CAS#	Classification		Risk	
			WHO IARC *	EPA IRIS**	Cal/EPA***
trans-Nonachlor	39765-80-5	General Pesticide,	-	-	-
Transfluthrin	118712-89-3	Insecticide	-	-	-
Traseolide	68140-48-7	Personal Care,	-	-	-
Tri-p-tolyl phosphate	78-32-0	Industrial	-	-	-
Triadimefon	43121-43-3	Fungicide,	-	-	developmental, female, male (3/30/1999)
Triadimenol	55219-65-3	Fungicide,	-	-	-
Triallate	2303-17-5	Herbicide	-	-	-
Triamiphos	1031-47-6	Fungicide, Insecticide	-	-	-
Triapenthenol	76608-88-3	General Pesticide	-	-	-
Triazamate	112143-82-5	Insecticide	-	-	-
Triazophos	24017-47-8	Insecticide	-	-	-
Tribromoneopentyl alcohol	1522-92-5	Flame Retardant	-	-	-
Tributyl phosphate	126-73-8	Flame Retardant, Industrial,	-	-	-
Trichlamide	70193-21-4	Fungicide	-	-	-
Trichlorfon	52-68-6	Insecticide,	3(1987)	-	-
Trichloronate	327-98-0	Insecticide	-	-	-
Trichlorosyringol	2539-26-6	Industrial, Pulp/Paper	-	-	-
Triclopyr methyl ester	60825-26-5	Pesticide Product	-	-	-
Triclosan	3380-34-5	Pharmacological, Personal Care, Industrial,	-	-	-
Triclosan-methyl	4640-01-1	General Pesticide	-	-	-
Tricresylphosphate, meta-	563-04-2	Flame Retardant, Industrial	-	-	-
Tricresylphosphate, ortho-	78-30-8	Flame Retardant, Industrial	-	-	-
Tricyclazole	41814-78-2	Fungicide,	-	-	-
Tridemorph , 4-tridecyl-	24602-86-6	Fungicide	-	-	-
Tridiphane	58138-08-2	Herbicide	-	Oral RfD	-
				Assessment: Yes (Last revised: 01- 31-1987).	
Trietazine	1912-26-1	Herbicide	-	-	-
Triethyl phosphate	78-40-0	Insecticide, Flame Retardant, Industrial	-	-	-
Trifenmorph	1420-06-0	General Pesticide	-	-	-
Trifloxystrobin	141517-21-7	Fungicide	-	-	-
Triflumizole	68694-11-1	Fungicide,	-	-	-
Trifluralin	1582-09-8	Herbicide,	3(1991)	Oral RfD Assessment: Yes (Last revised: 07- 01-1989). Carcinogenicity Assessment: Yes (Last revised: 08- 22-1988)	
triphenylene	217-59-4	PAH	3(2010)	-	-
Tris(2-butoxyethyl) phosphate	78-51-3	Industrial,	-	-	-
Tris(2-ethylhexyl) phosphate	78-42-2	Flame Retardant, Industrial,	-	-	-
Triticonazole	131983-72-7	Fungicide	-	-	-
Tryclopyrbutoxyethyl	64470-88-8	Herbicide	-	-	-
Tycor (SMY 1500)	64529-56-2	Herbicide,	-	-	-
Uniconizole-P	83657-17-4	Fungicide	-	-	-
Vamidothion	2275-23-2	Fungicide, Insecticide	-	-	-

Docusign Envelope ID: 4B28589A-86EF-4F27-B996-AE6E4949E9E5



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Compound	CAS#	Classification	Risk		
			WHO IARC *	EPA IRIS**	Cal/EPA***
Vernolate	1929-77-7	Herbicide	-	Oral RfD Assessment: Yes (Last revised: 03- 31-1987).	-
Vinclozolin	50471-44-8	Fungicide,	-	-	cancer (8/20/1999) developmental (5/15/1998)
XMC (3,4-Dimethylphenyl N-methylcarbamate)	2425-10-7	Insecticide	-	-	-
XMC (3,5-Dimethylphenyl N-methylcarbamate)	2655-14-3	Insecticide	-	-	-
Zinc diethyldithiocarbamate	14324-55-1	Personal Care, Industrial	-	-	-
Zoxamide	156052-68-5	Fungicide	-	-	-
Zoxamide decomposition product	999006-03-0	Fungicide	-	-	-