SDPharmLabs

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CANX - Cannabinoids Analysis

Analyzed Mar 13, 2023 | Instrument HLPC

The expanded Uncertainty of the Cannabinoid analysis is approximately ${\it \#}.806\%$ at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND
1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.22	2.25	4.50
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND	ND
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	25.71	257.13	514.27
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	57.78	577.79	1155.57
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	5.03	50.30	100.59
Δ 9-Tetrahydrocannabihexol (Δ 9-THCH)	0.024	0.071	ND	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	2.61	26.07	52.14
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND
Δ9-THC methyl ether (Δ9-MeO-THC)			ND	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			4.64	46.36	92.72
Total THC + Δ 8THC + Δ 10THC (THCa * 0.877 + Δ 9THC + Δ 8THC + Δ 10THC)			4.64	46.36	92.72
Total CBD (CBDa * 0.877 + CBD)			ND	ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND
Total HHC (9r-HHC + 9s-HHC)			83.49	834.92	1669.84
Total Cannabinoids			90.74	907.35	1814.70

Sample photography



HME - Heavy Metals Detection Analysis

Analyzed Mar 08, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	ND	0.2	Cadmium (Cd)	3.0e-05	0.0005	ND	0.2
Mercury (Hg)	1.0e-05	0.0001	0.00	0.1	Lead (Pb)	1.0e-05	0.00125	0.18	0.5

MIBIG - Microbial Testing Analysis

Analyzed Mar 10, 2023 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram
Aspergillus fumigatus	ND	ND per 1 gram	Aspergillus flavus	ND	ND per 1 gram
Aspergillus niger	ND	ND per 1 gram	Aspergillus terreus	ND	ND per 1 gram

UI Not Identified
ND Not Detected
NA Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
«LOQ Detected Culp Detected VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count









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Branden Starr

Authorized Signature

Brandon Starr, Lab Manager Tue, 21 Mar 2023 13:22:12 -0700



MTO - Mycotoxin Testing Analysis

Analyzed Mar 10, 2023 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Tue, 21 Mar 2023 13:22:12 -0700



PES - Pesticides Screening Analysis

Analyzed Mar 10, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Dimethodate	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Fenougraft 0.01 0.02 ND 0.01 Thicchlogrid 0.01 0.02 ND 0.01 Dominoide 0.01 0.03 ND 0.01 Dichlorves 0.02 0.07 ND 0.02 ND 0.01 Dichlorves 0.02 0.07 ND 0.02 ND 0.01 Dichlorves 0.01 0.03 ND 0.01 Dichlorves 0.01 0.03 ND 0.01 Dichlorves 0.01 0.03 ND 0.01 Dichlorves 0.01 0.02 ND 0.01 Dichlorves 0.01	Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Deminoside 0.01 0.05 ND 0.01 Dichlovas 0.02 0.07 ND 0.02 ND 0.01 Invazili 0.02 ND 0.01 ND 0.02 ND 0.01 Spirosomine 0.01 0.02 ND 0.01 ND 0.01 Coumphos 0.01 0.02 ND 0.01 Spirosomine 0.01 0.01 0.01 ND 0.01 Paclobutrazal 0.01 0.03 ND 0.01 Chlorpyrifos 0.01 0.02 ND 0.01 ND 0.01 Ethoprophos (Prophas) 0.01 0.02 ND 0.01 ND 0.01 Chlorpyrifos 0.01 0.02 ND 0.01 ND 0.01 Chlordene 0.04 0.1 ND 0.02 ND 0.01 Chlordene 0.04 0.1 ND 0.02 ND 0.01 Chlordene 0.04 0.1 ND 0.02 ND 0.02 ND 0.02 ND 0.03 ND 0.02 ND 0.03 ND 0.02 ND 0.03 ND 0.02 ND 0.03 ND	Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Imazeall	Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Spiroxamine 0.01 0.02 ND 0.01 Coumaphos 0.01 0.02 ND 0.01 Filipronial 0.01 0.01 ND 0.01 Paccibutazol 0.01 0.03 ND 0.01 Chlorguffos 0.01 0.02 ND 0.01 Chlorguffos 0.01 0.02 ND 0.01 Chlorguffos 0.01 0.02 ND 0.01 Chlordufee 0.04 0.1 ND 0.04 Chlordufee 0.04 0.1 ND 0.05 Chlordufee 0.04 0.1 ND 0.02 Chlordufee 0.05 ND 0.1 Chlo	Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Figronia 0.01	Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Chlorpyrifos	Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Baygon (Propoxur) 0.01 0.02 ND 0.01 Chlordene 0.04 0.1 ND 0.04 Clolforfengpyr 0.03 0.1 ND 0.02 0.1 ND 0.02 Mevinphos 0.03 0.08 ND 0.03 Abamectin 0.03 0.08 ND 0.1 Acephate 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Acephate 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Bifenthrin 0.02 0.35 ND 3 Boscalid 0.01 0.04 ND 0.1 Clorenteraline 0.01 0.02 ND 0.5 Chloratranillprole 0.01 0.04 ND 0.1 Clorentezine 0.01 0.02 ND 0.5 Chloratranillprole 0.01 0.02 ND 0.1 Clorentezine 0.01 0.02 ND	Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorfenapyr 0.03 0.1 ND 0.03 Methyl Parathion 0.02 0.1 ND 0.02 ND 0.03 ND 0.0	Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Mevinphos 0.03 0.08 ND 0.03 Abamectin 0.03 0.08 ND 0.1 Accephate 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Azoxystrobin 0.01 0.02 0.35 ND 0.1 Bifenozate 0.01 0.05 ND 0.1 Bifenthrin 0.02 0.35 ND 0.5 Chlorantroniliprole 0.01 0.03 ND 0.1 Clofenterine 0.01 0.02 ND 0.5 Chlorantroniliprole 0.01 0.02 ND 0.1 Clofentezine 0.01 0.03 ND 0.1 Diazion 0.01 0.02 ND 0.1 Clofentezine 0.01 0.02 0.06 ND 0.1 Diazion 0.01 0.02 ND 0.1 Ilimidaclopit 0.01 0.02 0.06 ND 0.1 Heysthiazea 0.01 0.03 ND 0.1 <	Baygon (Propoxur)	0.01	0.02	ND	0.01		0.04	0.1	ND	0.04
Acephate 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Azoxystrolin 0.01 0.02 NB 0.1 Bifenozate 0.01 0.05 ND 0.1 Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 10 Clafentezine 0.01 0.03 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Fengyroximate 0.02 0.1 ND 0.1 Hexatorle 0.01 0.02 ND 0.1 Inidacloprid 0.01 0.05 ND 0.1 Hexatorle 0.01 0.02 ND 0.1 Inidacloprid 0.01 0.05 ND 0.1 Hexatorle 0.01 0.02 ND 0.1 Inidacloprid 0.01 0.	Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Azoxystrobin Q01 Q02 ND Q1 Bifenazate Q01 Q05 ND Q1 Bifenthrin Q02 Q05 ND Q5 ND Q01 Q01 Q03 ND Q1 Carbaryl Q01 Q02 Q05 ND Q05 Chlorentralliprole Q01 Q02 ND Q1 Clofentezine Q01 Q03 ND Q1 Dizarion Q01 Q02 ND Q1 Dimethomorph Q02 Q06 ND Q1 Etoxazole Q01 Q05 ND Q1 Feuryoximate Q02 Q1 ND Q1 Hexythiazax Q01 Q02 ND Q1 Fludioxonil Q01 Q05 ND D1 Hexythiazax Q01 Q02 ND Q1 Iludioxonil Q01 Q05 ND D1 Hexythiazax Q01 Q03 ND Q1 Iludioxini Q01 Q05	Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Bifenthrin 0.02 0.35 ND 3 Boscalid 0.01 0.03 ND 0.1 Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 10 Clofentezine 0.01 0.03 ND 0.1 Diozinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.05 ND 0.1 Fenpyroximate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.05 ND 0.1 Fludioxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidaclopirid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Molathion 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Molathion 0.01 0	Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 10 Clofentezine 0.01 0.03 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 E toxazole 0.01 0.05 ND 0.1 Fengyroximate 0.02 0.1 ND 0.1 Floricamid 0.01 0.02 ND 0.1 Fludioxoril 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Iludioxoril 0.01 0.05 ND 0.5 Methorm-methyl 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 0.1 Methomyl 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.01 0.02<	Azoxystrobin		0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Clofentezine	Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.05 ND 0.1 Fenpyroximate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Ifudioxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidacloprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 0.1 Methomyl 0.02 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 0.1 Methomyl 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Plemethrin 0.01 0.02 <	Carbaryl		0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Fengyroximate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Fludioxonil 0.01 0.05 ND 0.1 Hexythitazox 0.01 0.03 ND 0.1 Indiactoprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Matothion 0.01 0.05 ND 0.5 Metladayl 0.01 0.02 ND 2 Methomyl 0.02 0.05 ND 1 Myclobutonil 0.02 0.07 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Piperonyl Butoxide 0.02 0.05<	Clofentezine		0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Fludioxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidacloprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.05 ND 0.2 ND 0.2 ND 0.2 ND 0.2 ND 0.2 MEthomyl 0.01 0.02 ND 0.2 METhomyl 0.01 0.02 ND 0.1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.02 0.06 ND 0.1 Oxamyl 0.02 ND 0.1 Oxamyl	Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Imidacloprid 0.01	Fenpyroximate			ND	0.1	Flonicamid		0.02	ND	0.1
Malathion 0.01 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 2 Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prollethrin 0.02 0.05 ND 0.1 Pyrethrin 0.03 0.08 ND 0.1 Prollethrin 0.02 0.05 ND 0.1 Pyrethrin 0.03 0.08 ND 0.1 Pyridaben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spirosetramat 0.01 0.02 <t< td=""><td>Fludioxonil</td><td>0.01</td><td>0.05</td><td>ND</td><td>0.1</td><td>Hexythiazox</td><td>0.01</td><td>0.03</td><td>ND</td><td>0.1</td></t<>	Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Pjeronyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prollethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyrlidoben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spirosetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02	Imidacloprid					Kresoxim-methyl				0.1
Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Pipleronyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prollethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridoben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinomesifen 0.02 0.06 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02 ND 0.1 Captro 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09	Malathion		0.05	ND	0.5	Metalaxyl			ND	2
Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prollethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridaben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinosesifen 0.02 0.06 ND 0.1 Spirotetranat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02 ND 0.5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequincyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02	Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prollethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyriddben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spiromesifen 0.02 0.06 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiomethoxam 0.01 0.02 ND 0.5 Tiffoxystrobin 0.01 0.02 ND 0.1 Acequincyl 0.02 0.09 ND 0.1 Captra 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.07 ND 0.1 Spinetoram J.L 0.02 0.07 ND 0.1	Naled	0.01		ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Prallethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridaben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spiromesifen 0.02 0.06 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 0.2 Fenhexamid 0.02 0.07 ND 0.1 Spinotetram J,L 0.02 0.07 ND 0.1	Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Pyridaben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinoseifen 0.02 0.06 ND 0.1 Spirotetrandt 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequincyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 0.2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J.L 0.02 0.07 ND 0.1	Piperonyl Butoxide		0.06	ND	3	Propiconazole		0.08	ND	0.1
Spinosad D 0.01 0.05 ND 0.1 Spiromesifen 0.02 0.06 ND 0.1 Spirotetromat 0.01 0.02 ND 0.1 Tebuconozole 0.01 0.02 ND 0.1 Inliamethoxam 0.01 0.02 ND 5 Triflosystrobin 0.01 0.02 ND 0.1 Acequincyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoran J.L 0.02 0.07 ND 0.1	Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiomethoxam 0.01 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09 ND 0.1 Capton 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Thiamethoxam 0.01 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1	Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Acequinocyl 0.02 0.09 ND 0.1 Capton 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
	Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Pentachloronitrobenzene 0.01 0.1 ND 0.1	Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
	Pentachloronitrobenzene	0.01	0.1	ND	0.1					

RES - Residual Solvents Testing Analysis

Analyzed Mar 13, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte		LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND	5000.0	Butane (But)	0.4	40.0	ND	5000.0
Methanol (Metha)	0.4	40.0	<loq< td=""><td>3000.0</td><td>Ethylene Oxide (EthOx)</td><td>0.4</td><td>0.8</td><td>6.1</td><td>1.0</td></loq<>	3000.0	Ethylene Oxide (EthOx)	0.4	0.8	6.1	1.0
Pentane (Pen)	0.4	40.0	ND	5000.0	Ethanol (Ethan)	0.4	40.0	ND	5000.0
Ethyl Ether (EthEt)	0.4	40.0	ND	5000.0	Acetone (Acet)	0.4	40.0	ND	5000.0
Isopropanol (2-Pro)	0.4	40.0	<loq< td=""><td>5000.0</td><td>Acetonitrile (Acetonit)</td><td>0.4</td><td>40.0</td><td>ND</td><td>410.0</td></loq<>	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	ND	1.0	Hexane (Hex)	0.4	40.0	ND	290.0
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000.0	Chloroform (Clo)	0.4	0.8	ND	1.0
Benzene (Ben)	0.4	0.8	ND	1.0	1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	1.0
Heptane (Hep)	0.4	40.0	ND	5000.0	Trichloroethylene (TriClEth)	0.4	0.8	ND	1.0
Toluene (Toluene)	0.4	40.0	ND	890.0	Xulenes (Xul)	0.4	40.0	ND	2170.0

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 08, 2023 | Instrument Microscope | Method SOP-010

Analyte / Limit	Result	Analyte / Limit	Result
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND
> 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3q	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.0Q Detected
- ULQ.D. Above upper limit of linearity
- CFU/g Colony forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Tue, 21 Mar 2023 13:22:12 -0700

