## **Test Report**

Report No. TUV(I)/860/16-17/0041602272 B

Date: 04 May 2016



TUV INDIA PRIVATE LIMITED TÜV NORD House,

Survey No. 42, 3/1 & 3/2, Dist. Pune - 411 021

Tel. : +91 2067900000/ 01 Email : pune@tuv-nord.com Website : www.tuvindia.co.in

ALPHA PLASTOMERS PVT. LTD.

Plot No. 374, Alpha Industrial Park,

Athiawad, Dabhel, Daman - 396210

(U.T.) (INDIA)

Name of the sample : POF Shrink Film

Lab sample Id No. : 0041602272

Mfg. date/Best before :

Name and address of customer

Batch No./ Code no. : -

Date of sample receipt : 21 Apr 2016

Date(s) of analysis : 26 Apr 2016 -03 May 2016

To test for compliance with 168 Substance of Very High Concern(SVHC) as per candidate list promulgated by European Chemicals Agency(ECHA) which are defined in

Objectives Of Examination : European One micas Agency (EOTIA) Which are to Article 57 of REACH Regulation (EC1907/2006)

Testing is Performed on individual component as per

Customer's Request.

AS per Article 33(1) of the REACH

Regulation(EC1907/2006), recipients of product must be

REACH Requirement : provided with information of safe use if any of the tested

substances (SVHC) exceeded 0.1% (w/w) (i.e.1000

mg/kg)

Sample drawn by : Customer

Conclusion :

The submitted sample were Tested as and concentration of SVHC's are ≤ 0.1 %w/w considering the scope and analytical techinque used

**PASS** 

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Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	DL	Test Method
1	Ammonium Dichromate	7789-09-5	232-143-1			
2	Chromium Trioxide	1333-82-0	215-607-8			
3	Acids Generated from Chromium Trioxide and their Oligomers					
	a) Chromic Acid	7738-94-5	231-801-5,			
	b) Dichromic Acid	13530-68-2	236-881-5			
4	Strantium Chromate	7789-06-2	232-142-6			Determined As Hexavalent
5	Sodium Chromate	7775-11-3	231-889-5	<50	50 mg/kg	Chromium by UV -
6	Sodium Dichromate	7789-12-0 / 10588-01-9	234-190-3			Visible spectroscopy
7	Potassium Chromate	7789-00-6	232-140-5			
8	Potassium Dichromate	7778-50-9	231-906-6			
9	Dichromium Tris chromate	24613-89-6	246-356-2			
10	Potassium hydroxy octa oxo dizincate dichromate	11103-86-9	234-329-8			
11	Pentazinc Chromate Octahydrate	49663-84-5	256-418-0			
12	2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	<10	40 //	Determined As Total Phenol by UV - Visible spectroscopy
13	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	<10	10 mg/kg	
14	Lead Chromate Molybdate Sulphate	12656-85-8	235-759-9			Determined as Lead, Molybdenum
15	Lead Chromate	7758-97-6	231-846-0			by ICP - MS and Cr (VI) by UV - Visible
16	Lead Sulfochromate	1344-37-2	215-693-7			spectroscopy
17	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	<50	50 mg/kg	Determined as Lead and Boron
18	Lead titanium trioxide	12060-00-3	235-038-9			Determined as
19	Lead titanium zirconium oxide	12626-81-2	235-727-4			Lead and Titanium
20	Silicic acid, lead salt	11120-22-2	234-363-3			Determined as Lead and Silicon

	**					
	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped					
21	[with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	272-271-5	<50	50 mg/kg	Determined as Lead and Silicon
22	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1			Determined as Lead and Antimony
23	Lead Diazide	13424-46-9	236-542-1			
24	Lead monoxide (Lead oxide)	1317-36-8	215-267-0			
25	Orange lead (Lead tetroxide)	1314-41-6	215-235-6			
26	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6			
27	Lead Dipicrate	6477-64-1	229-335-2		"	
28	Lead (II) bis (methane sulfonate)	17570-76-2	401-750-5		50 mg/kg	
29	Lead Styphnate	15245-44-0	239-290-0			
30	Acetic acid, lead salt, basic	51404-69-4	257-175-3	<50		Determined as
31	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	<b>\</b>		Lead by ICP - MS
32	Tetraethyllead	78-00-2	201-075-4			
33	Tetralead trioxide sulphate	12202-17-4	235-380-9			
34	Trilead dioxide phosphonate	12141-20-7	235-252-2			
35	Lead oxide sulfate	12036-76-9	234-853-7		50 "	
36	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5		50 mg/kg	
37	Dioxobis(stearato)trilead	12578-12-0	235-702-8			
38	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7			

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39	Lead cynamidate	20837-86-9	244-073-9				
40	Lead dinitrate	10099-74-8	233-245-9			Determined as Lead by ICP - MS	
41	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	<50			
42	Lead di(acetate)	301-04-2	206-104-4		50 mg/kg		
43	Lead Hydrogen Arsenate	7784-40-9	232-064-2			Determined as	
44	Tri Lead Diarsenate	3687-31-8	222-979-5	<50		Lead, and Arsenic by ICP - MS	
45	Arsenic Acid	7778-39-4	231-901-9				
46	Calcium Arsenate	7778-44-1	231-904-5			Determined as	
47	Diarsenic Pentoxide	1303-28-2	215-116-9	<50	0 50 mg/kg	Arsenic by ICP - MS	
48	Diarsenic Trioxide	1327-53-3	215-481-4				
49	Tri Ethyl Arsenate	15606-95-8	427-700-2				
50	Cobalt Dichloride	7646-79-9	231-589-4			Determined as Cobalt by ICP - MS	
51	Cobalt (II) Carbonate	513-79-1	208-169-4		50 mg/kg		
52	Cobalt (II) Diacetae	71-48-7	200-755-8	<50			
53	Cobalt (II) Dinitrate	10141-05-6	233-402-1				
54	Cobalt Sulphate	10124-43-3	233-334-2				
55	Boric acid	10043-35-3 / 11113-50-1	233-139-2, 234-343-4				
56	Disodium Tetraborate, anhydrous	1303-96-4 / 1330-43-4 / 12179-04-3	215-540-4				
57	Diboron Trioxide	1303-86-2	215-125-8			Determined as	
58	Tetraboron disodium heptoxide hydrate	12267-73-1	235-541-3	<50	50 mg/kg	Boron by ICP - MS	
59	Sodium Peroxometaborate	4/4/7632	231-556-4				
60	Sodium Perborate,Perboric acid, Sodium Salt		239-172-9; 234- 390-0				
61	Cadmium*	7440-43-9	231-152-8	<10	10 mg/kg	Determined as Cadmium By ICP-	
62	Cadmium Oxide*	1306-19-0	215-146-2	<b>\10</b>	i o mg/kg	MS MS	

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63	Cadmium Sulphide*	1306-23-6	215-147-8			
64	Cadmium Sulphate*	233-331-6	10124-36-4; 31119-53-6	<10	10 mg/kg	Determined as Cadmium By ICP- MS
65	Cadmium Fluoride*	232-222-0	7790-79-6		l o mg/ng	
66	Cadmium Chloride*	10108-64-2	233-296-7			
67	2-Methoxy Ethanol	109-86-4	203-713-7			
68	Methoxyacetic acid	625-45-6	210-894-6			
69	N,N-dimethylformamide	68-12-2	200-679-5			
70	1-bromopropane	106-94-5	203-445-0			
71	Furan	110-00-9	203-727-3			Determined by GC - MS/HS
72	2-Ethoxy Ethanol	110-80-5	203-804-1	<50	50 mg/kg	
73	Trichloro Ethylene	79-01-6	201-167-4			
74	Acrylamide	79-06-1	201-173-7			
75	Formamide	75-12-7	200-842-0			
76	2 - Ethoxy Ethyl Acetate	111-15-9	203-839-2	_		
77	Hydrazine	7803-57-8 / 302-01-2	206-114-9			
78	1-Methyl, 2 -Pyrolidone	872-50-4	212-828-1			
79	N,N' Dimethyl Acetamide	127-19-5	204-826-4			
80	2,4 - Dinitro Toluene	121-14-2	204-450-0			
81	1,2 Dichloro Ethane	107-06-2	203-458-1			
82	Bis - (2 Methoxy Ethyl) Ether	111-96-6	203-924-4	<50	50 mg/kg	Determined by
83	1,2 - Dimethoxy Ethane	110-71-4	203-794-9		30 mg/kg	GC - MS/HS
84	1,2-diethoxyethane	629-14-1	211-076-1			
85	N-methylacetamide	79-16-3	201-182-6			
86	1,2 - Bis (2-methoxy Ethoxy) Ethane	112-49-2	203-977-3			
87	1,2,3 Trichloro Propane	96-18-4	202-486-1			
88	[4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methyle ne]cyclohexa-2,5-dien-1- ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	<50	50 mg/kg	Extracted As per US - EPA 3500B and Determined by LC-MS

Report I	No. TUV(I)/860/16-17/0041602272 B					Date : 04 May 2016		
89	α,α-Bis[4- (dimethylamino)phenyl]-4 (phenylamino)naphthalene-1- methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	<50	50 mg/kg	Extracted As per US - EPA 3500B and Determined by LC-MS		
90	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5- dien-1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6		50 mg/kg			
91	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	<50		Extracted As per US - EPA 3500B and Determined by LC-MS		
92	Disodium 3,3'-[[1,1'-biphenyl]- 4,4'-diylbis(azo)]bis(4- aminonaphthalene-1- sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4					
93	Phenolphthalein	77-09-8	201-004-7					
94	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2					
95	Tricosafluorododecanoic acid	307-55-1	206-203-2					
96	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	<50 50 mg		Extracted As per		
97	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4		50 mg/kg	US - EPA 3500B and		
98	Pentadecafluoro Octanoic Acid	335-67-1	206-379-9			Determined by LC-MS		
99	Ammonium Pentadecafluoro- octanoate	3825-26-1	223-320-4					
100	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8					

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	4-Nonylphenol, branched and linear ethoxylates					
101	[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	<50	50 mg/kg	Extracted As per US - EPA 3500B and Determined by LC-MS
102	4-Nonylphenol, branched and linear ethoxylates (As per Decision no ED/69/2013)	-	-			
	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated					Extracted As per US - EPA 3500B and Determined by LC-MS
103	[covering well-defined substances and UVCB substances, polymers and homologues]	140-66-9	205-426-2			
104	Imidazolidine-2-thione; (2- imidazoline-2-thiol)	96-45-7	202-506-9			
105	2-benzotriazol-2-yl-4,6-di-tert- butylphenol (UV-320)	3846-71-7	223-346-6			
106	2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328)	25973-55-1	247-384-8			
107	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	<50	50 mg/kg	
108	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)					

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109	Anthracene	120-12-7	204-371-1			
110	Anthracene Oil	90640-80-5	292-602-7			Extracted As per US - EPA 3500B and Determined
111	Anthracene Oil, Anthracene Paste, distn. Light	91995-17-4	295-278-5	<50	50 mg/kg	
112	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	295-275-9			by by GC - MS
113	Anthracene Oil, Anthracene Low	90640-82-7	292-604-8			
114	Anthracene Oil, Anthracene Paste	90640-81-6	292-603-2	<50	50 mg/kg	Extracted As per US - EPA 3500B and Determined
115	Coal tar Pitch High Temprature	65996-93-2	266-028-2		50 mg/kg	by by GC - MS/MS
116	Di-Isobutyl Phthalate	84-69-5	201-553-2			
117	Di-Butyl Phthalate	84-74-2	201-557-4			
118	Bis - 2-methoxyethyl Phthalate	117-82-8	204-212-6	- <50		
119	Bis - (2 Ethyl Hexyl) Phthalate	117-81-7	204-211-0			
120	Dihexyl phthalate	84-75-3	201-559-5			
121	Benzyl Butyl Phthalate	85-68-7	201-622-7			
122	1-2 Benzene di carboxylic acid di C7-C11 Branched and Linear Alkyl Esters	68515-42-4	271-084-6		50 mg/kg	Extracted As per US - EPA 3500B and determined
123	1-2 Benzene di carboxylic acid di C6-C8 Branched Alkyl Esters, C7 Rich	71888-89-6	276-158-1		50	by GCMS
124	1-2 Benzene di carboxylic acid di C6-C10 Alkyl Esters (as per descission no. ED/2015/06/15)	68515-51-5	271-094-0	<50		
125	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2			
126	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5			

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127	Diisopentylphthalate (DIPP)	605-50-5	210-088-4			Extracted As per US - EPA 3500B and determined	
128	N-pentyl-isopentylphthalate	776297-69-9	-				
129	Di Pentyl Phthalate	131-18-0	205-017-9				
130	Trixylyl phosphate	25155-23-1	246-677-8	<50	50 mg/kg		
131	Tris (2 - Chloro Ethyl) phosphate	115-96-8	204-118-5			by GCMS	
132	5-sec-butyl-2-(2,4- dimethylcyclohex-3-en-1-yl)-5- methyl-1,3-dioxane						
133	4,4'- bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5				
134	1,3,5-Tris(oxiran-2-ylmethyl)- 1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3				
135	1,3,5-tris[(2S and 2R)-2,3- epoxypropyl]-1,3,5-triazine-2,4,6- (1H,3H,5H)-trione (β-TGIC)	59653-74-6	423-400-0				
136	4,4'-methylenedi- <i>o</i> -toluidine	838-88-0	212-658-8				
137	4,4'-oxydianiline and its salts	101-80-4	202-977-0	<50	50 mg/kg	Extracted As per US - EPA 3500B	
138	4-aminoazobenzene	60-09-3	200-453-6			and determined by LCMS	
139	6-methoxy- <i>m</i> -toluidine (p-cresidine)	120-71-8	204-419-1				
140	o -aminoazotoluene [(4-o -tolylazo- o -toluidine])	97-56-3	202-591-2				
141	o-toluidine	95-53-4	202-429-0				
142	Formaldehyde Oligomeric Reaction Products with Aniline (Technical MDA)	25214-70-4	500-036-1				
143	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	<1	1 mg/kg		

144         4,4' Diamono Diphenyl Methane         101-77-9         202-974-4         202-974-4         A.4'-bis(dimethylamino)-4"- (methylamino)-4"- (methylamino)-4"- (methylamino)-1"- (methylamino)-1"- (methylamino)-1"- (methylamino)-1"- (methylamino)-1"- (methylamino)-1"- (methylamino)-1"- (methylamino)-1"- (methylamino)-1"- (methylamine)-1"- (a) of Michler's ketone   101-14-4         202-918-9         4	Report	No. TUV(I)/860/16-17/0041602272 B					Date : 04 May 2016
145         (methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone ]         561-41-1         209-218-2         2.2° Dichloro - 4.4° Methylene Diamiline         101-14-4         202-918-9         202-918-9         202-918-9         202-918-9         4-methyl-m-phenylenethyl-2-(3-methyl-2-(3-methyl-2-4-diaminophenol)         143860-04-2         421-150-7	144	4,4' Diamono Diphenyl Methane	101-77-9	202-974-4			
146	145	(methylamino)trityl alcohol [with	561-41-1	209-218-2			
147   methylbutyl)-1,3-oxazolidine   143880-04-2   421-150-7	146	I	101-14-4	202-918-9			
148   dinitrophenol   88-85-7   201-861-7	147		143860-04-2	421-150-7			
149	148	,	88-85-7	201-861-7			Extracted As per
150   Biphenyl-4-ylamine   92-67-1   202-177-1     151   2 Methoxy Aniline, O-Anisidine   90-04-0   201-963-1     152   5-tert. Butyl - 2,6 Dinitro , m-	149	• • •	95-80-7	202-453-1	<50	50 mg/kg	US - EPA 3500B and determined
152   5-tert. Butyl - 2,6 Dinitro , m	150	Biphenyl-4-ylamine	92-67-1	202-177-1			
152   Xylene (Musk xylene)   81-15-2   201-329-4         153	151	2 Methoxy Aniline,O-Anisidine	90-04-0	201-963-1			
153	152	<u> </u>	81-15-2	201-329-4	=		
154     methylenedianiline (Michler's Base)     101-61-1     202-959-2       155     Bis (Tributyltin) oxide (TBTO)     56-35-9     200-268-0       156     4 - tert. Octyl Phenol     140-66-9     205-426-2       157     Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)     1163-19-5     214-604-9       158     Dibutyltin dichloride (DBTC)     683-18-1     211-670-0       159     Methyloxirane (Propylene oxide) as Propylene Glycol     75-56-9     200-879-2       160     Diethyl sulphate     64-67-5     200-589-6       161     Dimethyl sulphate     77-78-1     201-058-1       162     1,3-propanesultone     1120-71-4     214-317-9       160     10 mg/kg	153		25637-99-4				
156       4 - tert. Octyl Phenol       140-66-9       205-426-2         Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)       1163-19-5       214-604-9         158       Dibutyltin dichloride (DBTC)       683-18-1       211-670-0         159       Methyloxirane (Propylene oxide) as Propylene Glycol       75-56-9       200-879-2         160       Diethyl sulphate       64-67-5       200-589-6         161       Dimethyl sulphate       77-78-1       201-058-1         162       1,3-propanesultone       1120-71-4       214-317-9         98-95-3       202-716-0       <10	154	methylenedianiline (Michler's	101-61-1	202-959-2			
Bis(pentabromophenyl) ether (decabromodiphenyl) ether (decabromodiphenyl) ether;   1163-19-5   214-604-9     50 mg/kg   Extracted As per US - EPA 3500B and determined by GCMS   159   Methyloxirane (Propylene oxide) as Propylene Glycol   75-56-9   200-879-2   160   Diethyl sulphate   64-67-5   200-589-6   161   Dimethyl sulphate   77-78-1   201-058-1   162   1,3-propanesultone   1120-71-4   214-317-9   <10   10 mg/kg   10 mg	155	Bis (Tributyltin) oxide (TBTO)	56-35-9	200-268-0			
157       (decabromodiphenyl ether; DecaBDE)       1163-19-5       214-604-9         158       Dibutyltin dichloride (DBTC)       683-18-1       211-670-0         159       Methyloxirane (Propylene oxide) as Propylene Glycol       75-56-9       200-879-2         160       Diethyl sulphate       64-67-5       200-589-6         161       Dimethyl sulphate       77-78-1       201-058-1         162       1,3-propanesultone       1120-71-4       214-317-9         98-95-3       202-716-0       <10	156	4 - tert. Octyl Phenol	140-66-9	205-426-2			
159   Methyloxirane (Propylene oxide)   75-56-9   200-879-2   200-879-2   160   Diethyl sulphate   64-67-5   200-589-6   161   Dimethyl sulphate   77-78-1   201-058-1   162   1,3-propanesultone   1120-71-4   214-317-9   214-317-9   202-716-0   210 mg/kg   Extracted As per US - EPA 3500B and determined by GCMS   10 mg/kg   10 m	157	(decabromodiphenyl ether;	1163-19-5	214-604-9			
159       Methyloxirane (Propylene oxide) as Propylene Glycol       75-56-9       200-879-2       US - EPA 3500B and determined by GCMS         160       Diethyl sulphate       64-67-5       200-589-6       by GCMS         161       Dimethyl sulphate       77-78-1       201-058-1         162       1,3-propanesultone       1120-71-4       214-317-9         98-95-3       202-716-0       <10 mg/kg	158	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	<50	50 ma/ka	
161 Dimethyl sulphate 77-78-1 201-058-1  162 1,3-propanesultone 1120-71-4 214-317-9  98-95-3 202-716-0 <10 mg/kg	159		75-56-9	200-879-2	250	oo mg/kg	US - EPA 3500B
162 1,3-propanesultone 1120-71-4 214-317-9 <10 10 mg/kg	160	Diethyl sulphate	64-67-5	200-589-6			by GCMS
1120-/1-4 214-31/-9 <10 10 mg/kg	161	Dimethyl sulphate	77-78-1	201-058-1			
1 98-93-3 1 /11/-/16-11 1 9 9 1	162	1,3-propanesultone	1120-71-4	214-317-9			-
	163	Nitrobenzene	98-95-3	202-716-0	<10	10 mg/kg	

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	Cyclohexane-1,2-dicarboxylic anhydride [1]	85-42-7, 13149- 00-3, 14166-21-3				
	cis-cyclohexane-1,2-dicarboxylic anhydride [2]					
164	trans-cyclohexane-1,2- dicarboxylic anhydride [3]		201-604-9, 236- 086-3, 238-009-9	<50	50 mg/kg	
	[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].					Extracted As per
	Hexahydromethylphthalic anhydride [1],	19/138-60-9	247-094-1, 243- 072-0, 256-356-4, 260-566-1	<50		US - EPA 3500B and determined by LCMS
	Hexahydro-4-methylphthalic anhydride [2],					
	Hexahydro-1-methylphthalic anhydride [3],				50 mg/kg	
165	Hexahydro-3-methylphthalic anhydride [4]					
	[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]					
166	Alkanes C10-C13 Chloro (Short chain Clorinated Paraffins)	85535-84-8	287-476-5	<0.01		Extracted As per US - EPA 3500B and determined by GCMS
167	Zirconia Alumino Silicate Refractroy Fibres				0.01 % (w/w)	Determined As Acid insoluble
168	Alumino Silicate Refractroy Fibres				70 (W/W)	Acid insoluble Ash and confirmed with Microscopic Examination

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Note:

- 1) DL = Detection Limit
- 2) \*Limit for Cadmium and Cadmium Compounds Expressed as Cadmium is 100mg/kg max.
- 3) The substances in the candidates list of Substances of Very High Concern (SVHC) for Registration Evaluation Authorisation of Chemicals (REACH) is published by ECHA (European Chemical Agency) consists of different combinations of compounds falling under category of UVCB Substances i.e. Substances of Unknown or Variable Composition, Complex reaction products or Biological Material.
- 4) The Test result is calculated as per selected identifiers of the SVHC and Calculations are based on worst case scenario
- 5) Considering UVCB nature, sample results may be termed as Semi-quantitative.



Sample Images is Authentic only for the original test report.

Verified by

(Atulkumar Rajage)
In Charge - Liquid Chromatography

Authorized by
(Dr. Bharat Ugare)
In Charge - Instrumentation GC

- 1. Test Results are based on & related only to the particular sample(s) tested.
- 2. This Report cannot be re-produced, except when in full, without the written permission from TUV India Pvt. Ltd., Laboratory Division.
- 3. This Certificate reflects our findings at the time and place of testing.
- 4. Sample(s) will be retained by us for a period of one month for non-perishable items only. Perishable items will be destroyed after completion of tests.
- 5. This Report, in full or in part, shall not be used to make any misleading claims or for any legal purposes.

Date: 04 May 2016