

Test Report

Report No : TUV(I)/3500/23-24/0052305820

Date : 09 Jun 2023

Name and address of customer : A.P. RUBBER INDUSTRIES
E - 29, Industrial Area, Bahadrabad,
Haridwar
Pin Code: 249403

Name of the sample : Crum Rubber 80 mesh

Reg No. : 3500/23-24

Lab sample Id No. : 0052305820

Batch No./ Code no. : -

Discipline : Chemical

Date of sample receipt : 29 May 2023

Date(s) of analysis : 31 May 2023 - 09 Jun 2023

Objectives Of Examination : As requested by client, SVHC screening is performed according to:
(i) Two hundred and thirty three (233) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) Regulation (EC) No 1907/2006 concerning the REACH.

REACH Requirement : Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information.

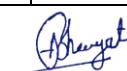
Sample drawn by : Customer

Conclusion :

According to the specified scope and evaluation screening, the results of SVHC are below 0.1 % (w/w) in the submitted sample.	PASS
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For detail Test Results refer further pages

Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	LOQ	Test Method
1	Ammonium Dichromate	7789-09-5	232-143-1	<LOQ	50 mg/kg	TUV/03/SOP/129
2	Chromium Trioxide	1333-82-0	215-607-8	<LOQ	50 mg/kg	TUV/03/SOP/129
3	Acids Generated from Chromium Trioxide and their Oligomers	- - -	- - -	<LOQ	50 mg/kg	TUV/03/SOP/129
	a) Chromic Acid	7738-94-5	231-801-5,	<LOQ	50 mg/kg	TUV/03/SOP/129
	b) Dichromic Acid	13530-68-2	236-881-5	<LOQ	50 mg/kg	TUV/03/SOP/129



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4	Strantium Chromate	7789-06-2	232-142-6	<LOQ	50 mg/kg	TUV/03/SOP/129
5	Sodium Chromate	7775-11-3	231-889-5	<LOQ	50 mg/kg	TUV/03/SOP/129
6	Sodium Dichromate	7789-12-0 / 10588-01-9	234-190-3	<LOQ	50 mg/kg	TUV/03/SOP/129
7	Potassium Chromate	7789-00-6	232-140-5	<LOQ	50 mg/kg	TUV/03/SOP/129
8	Potassium Dichromate	7778-50-9	231-906-6	<LOQ	50 mg/kg	TUV/03/SOP/129
9	Dichromium Tris chromate	24613-89-6	246-356-2	<LOQ	50 mg/kg	TUV/03/SOP/129
10	Potassium hydroxy octa oxo dizincate dichromate	11103-86-9	234-329-8	<LOQ	50 mg/kg	TUV/03/SOP/129
11	Pentazinc Chromate Octahydrate	49663-84-5	256-418-0	<LOQ	50 mg/kg	TUV/03/SOP/129
12	Lead Chromate Molybdate Sulphate	12656-85-8	235-759-9	<LOQ	50 mg/kg	TUV/03/SOP/129
13	Lead Chromate	7758-97-6	231-846-0	<LOQ	50 mg/kg	TUV/03/SOP/129
14	Lead Sulfochromate	1344-37-2	215-693-7	<LOQ	50 mg/kg	TUV/03/SOP/129
15	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	<LOQ	50 mg/kg	TUV/03/SOP/129
16	Lead titanium trioxide	12060-00-3	235-038-9	<LOQ	50 mg/kg	TUV/03/SOP/129
17	Lead titanium zirconium oxide	12626-81-2	235-727-4	<LOQ	50 mg/kg	
18	Silicic acid, lead salt	11120-22-2	234-363-3	<LOQ	50 mg/kg	TUV/03/SOP/129
19	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8	272-271-5	<LOQ	50 mg/kg	TUV/03/SOP/129
	[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]			<LOQ	50 mg/kg	TUV/03/SOP/129
20	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	<LOQ	50 mg/kg	TUV/03/SOP/129
21	Lead Diazide	13424-46-9	236-542-1	<LOQ	50 mg/kg	TUV/03/SOP/129
22	Lead monoxide (Lead oxide)	1317-36-8	215-267-0	<LOQ	50 mg/kg	TUV/03/SOP/129
23	Orange lead (Lead tetroxide)	1314-41-6	215-235-6	<LOQ	50 mg/kg	TUV/03/SOP/129
23	Orange lead (Lead tetroxide)	1314-41-6	215-235-6	<LOQ	50 mg/kg	TUV/03/SOP/129
24	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	<LOQ	50 mg/kg	TUV/03/SOP/129
25	Lead Dipicrate	6477-64-1	229-335-2	<LOQ	50 mg/kg	TUV/03/SOP/129
26	Lead (II) bis (methane sulfonate)	17570-76-2	401-750-5	<LOQ	50 mg/kg	TUV/03/SOP/129



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27	Lead Styphnate	15245-44-0	239-290-0	<LOQ	50 mg/kg	TUV/03/SOP/129
28	Acetic acid, lead salt, basic	51404-69-4	257-175-3	<LOQ	50 mg/kg	TUV/03/SOP/129
29	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	<LOQ	50 mg/kg	TUV/03/SOP/129
30	Tetraethyllead	78-00-2	201-075-4	<LOQ	50 mg/kg	TUV/03/SOP/129
31	Tetralead trioxide sulphate	12202-17-4	235-380-9	<LOQ	50 mg/kg	TUV/03/SOP/129
32	Trilead dioxide phosphonate	12141-20-7	235-252-2	<LOQ	50 mg/kg	TUV/03/SOP/129
33	Lead oxide sulfate	12036-76-9	234-853-7	<LOQ	50 mg/kg	TUV/03/SOP/129
34	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	<LOQ	50 mg/kg	TUV/03/SOP/129
35	Dioxobis(stearato)trilead	12578-12-0	235-702-8	<LOQ	50 mg/kg	TUV/03/SOP/129
36	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	<LOQ	50 mg/kg	TUV/03/SOP/129
37	Lead cyanamide	20837-86-9	244-073-9	<LOQ	50 mg/kg	TUV/03/SOP/129
38	Lead dinitrate	10099-74-8	233-245-9	<LOQ	50 mg/kg	TUV/03/SOP/129
39	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	<LOQ	50 mg/kg	TUV/03/SOP/129
40	Lead di(acetate)	301-04-2	206-104-4	<LOQ	50 mg/kg	TUV/03/SOP/129
41	Lead Hydrogen Arsenate	7784-40-9	232-064-2	<LOQ	50 mg/kg	TUV/03/SOP/129
42	Tri Lead Diarsenate	3687-31-8	222-979-5	<LOQ	50 mg/kg	TUV/03/SOP/129
43	Arsenic Acid	7778-39-4	231-901-9	<LOQ	50 mg/kg	TUV/03/SOP/129
44	Calcium Arsenate	7778-44-1	231-904-5	<LOQ	50 mg/kg	TUV/03/SOP/129
45	Diarsenic Pentoxide	1303-28-2	215-116-9	<LOQ	50 mg/kg	TUV/03/SOP/129
46	Diarsenic Trioxide	1327-53-3	215-481-4	<LOQ	50 mg/kg	TUV/03/SOP/129
47	Tri Ethyl Arsenate	15606-95-8	427-700-2	<LOQ	50 mg/kg	TUV/03/SOP/129
48	Cobalt Dichloride	7646-79-9	231-589-4	<LOQ	50 mg/kg	TUV/03/SOP/129
49	Cobalt (II) Carbonate	513-79-1	208-169-4	<LOQ	50 mg/kg	TUV/03/SOP/129
50	Cobalt (II) Diacetate	71-48-7	200-755-8	<LOQ	50 mg/kg	TUV/03/SOP/129
51	Cobalt (II) Dinitrate	10141-05-6	233-402-1	<LOQ	50 mg/kg	TUV/03/SOP/129
52	Cobalt Sulphate	10124-43-3	233-334-2	<LOQ	50 mg/kg	TUV/03/SOP/129
53	Boric acid	10043-35-3 / 11113-50-1	233-139-2, 234-343-4	<LOQ	50 mg/kg	TUV/03/SOP/129
54	Disodium Tetraborate, anhydrous	1303-96-4 / 1330-43-4 / 12179-04-3	215-540-4	<LOQ	50 mg/kg	TUV/03/SOP/129
55	Diboron Trioxide	1303-86-2	215-125-8	<LOQ	50 mg/kg	TUV/03/SOP/129
56	Tetraboron disodium heptoxide hydrate	12267-73-1	235-541-3	<LOQ	50 mg/kg	TUV/03/SOP/129
57	Sodium Peroxometaborate	04-04-7632	231-556-4	<LOQ	50 mg/kg	TUV/03/SOP/129
58	Sodium Perborate, Perboric acid, Sodium Salt		239-172-9; 234-390-0	<LOQ	50 mg/kg	TUV/03/SOP/129



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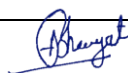
Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	LOQ	Test Method
59	Cadmium*	7440-43-9	231-152-8	<LOQ	50 mg/kg	TUV/03/SOP/129
60	Cadmium Oxide*	1306-19-0	215-146-2	<LOQ	50 mg/kg	TUV/03/SOP/129
61	Cadmium Sulphide*	1306-23-6	215-147-8	<LOQ	50 mg/kg	TUV/03/SOP/129
62	Cadmium Sulphate*	233-331-6	10124-36-4; 31119-53-6	<LOQ	50 mg/kg	TUV/03/SOP/129
63	Cadmium Fluoride*	232-222-0	7790-79-6	<LOQ	50 mg/kg	TUV/03/SOP/129
64	Cadmium Chloride*	10108-64-2	233-296-7	<LOQ	50 mg/kg	TUV/03/SOP/129
65	2-Methoxy Ethanol	109-86-4	203-713-7	Absent	-	TUV/03/SOP/129
66	Methoxyacetic acid	625-45-6	210-894-6	Absent	-	TUV/03/SOP/129
67	N,N-dimethylformamide	68-12-2	200-679-5	Absent	-	TUV/03/SOP/129
68	1-bromopropane	106-94-5	203-445-0	Absent	-	TUV/03/SOP/129
69	Furan	110-00-9	203-727-3	Absent	-	TUV/03/SOP/129
70	2-Ethoxy Ethanol	110-80-5	203-804-1	Absent	-	TUV/03/SOP/129
71	Trichloro Ethylene	79-01-6	201-167-4	Absent	-	TUV/03/SOP/129
72	Acrylamide	79-06-1	201-173-7	Absent	-	TUV/03/SOP/129
73	Formamide	75-12-7	200-842-0	Absent	-	TUV/03/SOP/129
74	2 - Ethoxy Ethyl Acetate	111-15-9	203-839-2	Absent	-	TUV/03/SOP/129
75	Hydrazine	7803-57-8 / 302-01-2	206-114-9	Absent	-	TUV/03/SOP/129
76	1-Methyl, 2 -Pyrolidone	872-50-4	212-828-1	Absent	-	TUV/03/SOP/129
77	N,N' Dimethyl Acetamide	127-19-5	204-826-4	Absent	-	TUV/03/SOP/129
78	2,4 - Dinitro Toluene	121-14-2	204-450-0	Absent	-	TUV/03/SOP/129
79	1,2 Dichloro Ethane	107-06-2	203-458-1	Absent	-	TUV/03/SOP/129
80	Bis - (2 Methoxy Ethyl) Ether	111-96-6	203-924-4	Absent	-	TUV/03/SOP/129
81	1,2 - Dimethoxy Ethane	110-71-4	203-794-9	Absent	-	TUV/03/SOP/129
82	1,2-diethoxyethane	629-14-1	211-076-1	Absent	-	TUV/03/SOP/129
83	N-methylacetamide	79-16-3	201-182-6	Absent	-	TUV/03/SOP/129
84	1,2 - Bis (2-methoxy Ethoxy) Ethane	112-49-2	203-977-3	Absent	-	TUV/03/SOP/129
85	1,2,3 Trichloro Propane	96-18-4	202-486-1	Absent	-	TUV/03/SOP/129
86	Anthracene	120-12-7	204-371-1	<LOQ	50 mg/kg	TUV/03/SOP/129
87	Anthracene Oil	90640-80-5	292-602-7	Absent	-	TUV/03/SOP/129
88	Anthracene Oil, Anthracene Paste, distn. Light	91995-17-4	295-278-5	Absent	-	TUV/03/SOP/129
89	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	295-275-9	Absent	-	TUV/03/SOP/129
90	Anthracene Oil, Anthracene Low	90640-82-7	292-604-8	Absent	-	TUV/03/SOP/129
91	Anthracene Oil, Anthracene Paste	90640-81-6	292-603-2	Absent	-	TUV/03/SOP/129
92	Di-Isobutyl Phthalate	84-69-5	201-553-2	<LOQ	50 mg/kg	TUV/03/SOP/129



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93	Di-Butyl Phthalate	84-74-2	201-557-4	<LOQ	50 mg/kg	TUV/03/SOP/129
94	Bis - 2-methoxyethyl Phthalate	117-82-8	204-212-6	<LOQ	50 mg/kg	TUV/03/SOP/129
95	Bis - (2 Ethyl Hexyl) Phthalate	117-81-7	204-211-0	<LOQ	50 mg/kg	TUV/03/SOP/129
96	Diethyl phthalate	84-75-3	201-559-5	<LOQ	50 mg/kg	TUV/03/SOP/129
97	Benzyl Butyl Phthalate	85-68-7	201-622-7	<LOQ	50 mg/kg	TUV/03/SOP/129
98	1-2 Benzene di carboxylic acid di C7-C11 Branched and Linear Alkyl Esters	68515-42-4	271-084-6	<LOQ	50 mg/kg	TUV/03/SOP/129
99	1-2 Benzene di carboxylic acid di C6-C8 Branched Alkyl Esters, C7 Rich	71888-89-6	276-158-1	<LOQ	50 mg/kg	TUV/03/SOP/129
100	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	<LOQ	50 mg/kg	TUV/03/SOP/129
101	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	<LOQ	50 mg/kg	TUV/03/SOP/129
102	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	<LOQ	50 mg/kg	TUV/03/SOP/129
103	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	Absent	-	TUV/03/SOP/129
104	N-pentyl-isopentylphthalate	776297-69-9	-	Absent	-	TUV/03/SOP/129
105	Di Pentyl Phthalate	131-18-0	205-017-9	<LOQ	50 mg/kg	TUV/03/SOP/129
106	Trixylyl phosphate	25155-23-1	246-677-8	Absent	-	TUV/03/SOP/129
107	Tris (2 - Chloro Ethyl) phosphate	115-96-8	204-118-5	Absent	-	TUV/03/SOP/129
108	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	<LOQ	50 mg/kg	TUV/03/SOP/129
109	4,4'-oxydianiline and its salts	101-80-4	202-977-0	<LOQ	50 mg/kg	TUV/03/SOP/129
110	4-aminoazobenzene	60-09-3	200-453-6	<LOQ	50 mg/kg	TUV/03/SOP/129
111	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	<LOQ	50 mg/kg	TUV/03/SOP/129
112	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	97-56-3	202-591-2	<LOQ	50 mg/kg	TUV/03/SOP/129
113	o-toluidine	95-53-4	202-429-0	<LOQ	50 mg/kg	TUV/03/SOP/129
114	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	<LOQ	50 mg/kg	TUV/03/SOP/129
115	4,4' Diamono Diphenyl Methane	101-77-9	202-974-4	Absent	-	TUV/03/SOP/129
116	2,2' Dichloro - 4,4' Methylene Dianiline	101-14-4	202-918-9	<LOQ	50 mg/kg	TUV/03/SOP/129
117	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	Absent	-	TUV/03/SOP/129
118	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	<LOQ	50 mg/kg	TUV/03/SOP/129



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119	Biphenyl-4-ylamine	92-67-1	202-177-1	<LOQ	50 mg/kg	TUV/03/SOP/129
120	2 Methoxy Aniline, O-Anisidine	90-04-0	201-963-1	<LOQ	50 mg/kg	TUV/03/SOP/129
121	5-tert. Butyl - 2,6 Dinitro , m-Xylene (Musk xylene)	81-15-2	201-329-4	Absent	-	TUV/03/SOP/129
122	Hexabromo Cyclododecane (Including Isomers)	25637-99-4	247-148-4 and 221-695-9	Absent	-	TUV/03/SOP/129
123	N,N,N',N' - tetramethyl-4,4'-methylenedianiline (Michler's Base)	101-61-1	202-959-2	Absent	-	TUV/03/SOP/129
124	Bis (Tributyltin) oxide (TBTO)	56-35-9	200-268-0	Absent	-	TUV/03/SOP/129
125	4 - tert. Octyl Phenol	140-66-9	205-426-2	Absent	-	TUV/03/SOP/129
126	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	<LOQ	50 mg/kg	TUV/03/SOP/129
127	Methyloxirane (Propylene oxide) as Propylene Glycol	75-56-9	200-879-2	<LOQ	50 mg/kg	TUV/03/SOP/129
128	Diethyl sulphate	64-67-5	200-589-6	Absent	-	TUV/03/SOP/129
129	Dimethyl sulphate	77-78-1	201-058-1	Absent	-	TUV/03/SOP/129
130	1,3-propanesultone	1120-71-4	214-317-9	Absent	-	TUV/03/SOP/129
131	Nitrobenzene	98-95-3	202-716-0	Absent	-	TUV/03/SOP/129
132	Cyclohexane-1,2-dicarboxylic anhydride [1]	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	Absent	-	TUV/03/SOP/129
	cis-cyclohexane-1,2-dicarboxylic anhydride [2]			Absent	-	TUV/03/SOP/129
	trans-cyclohexane-1,2-dicarboxylic anhydride [3]			Absent	-	TUV/03/SOP/129
	[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].			Absent	-	TUV/03/SOP/129
133	Alkanes C10-C13 Chloro (Short chain Chlorinated Paraffins)	85535-84-8	287-476-5	Absent	-	TUV/03/SOP/129
134	Benzo(def)chrysene (Benzo(a)Pyrene)	50-32-8	200-028-5	<LOQ	50 mg/kg	TUV/03/SOP/129
135	4,4'-isopropylidenediphenol	80-05-7	201-245-8	Absent	-	TUV/03/SOP/129
136	4-Heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof			Absent	-	TUV/03/SOP/129
137	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	Absent	-	TUV/03/SOP/129



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138	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	<LOQ	50 mg/kg	TUV/03/SOP/129
139	Cadmium carbonate	513-78-0	208-168-9	<LOQ	50 mg/kg	TUV/03/SOP/129
140	Cadmium hydroxide	21041-95-2	244-168-5	<LOQ	50 mg/kg	TUV/03/SOP/129
141	Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	<LOQ	50 mg/kg	TUV/03/SOP/129
142	Chrysene	218-01-9, 1719-03-5	205-923-4	<LOQ	50 mg/kg	TUV/03/SOP/129
143	Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) covering any of its individual anti- and syn-isomers or any combination thereof	-	-	Absent	-	TUV/03/SOP/129
144	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	552-30-7	209-008-0	Absent	-	TUV/03/SOP/129
145	Benzo[ghi]perylene	191-24-2	205-883-8	<LOQ	50 mg/kg	TUV/03/SOP/129
146	Decamethylcyclotetrasiloxane	541-02-6	208-764-9	Absent	-	TUV/03/SOP/129
147	Dicyclohexyl phthalate	84-61-7	201-545-9	<LOQ	50 mg/kg	TUV/03/SOP/129
148	Disodium octaborate	12008-41-2	234-541-0	<LOQ	50 mg/kg	TUV/03/SOP/129
149	Dodecamethylcyclotetrasiloxane	540-97-6	208-762-8	Absent	-	TUV/03/SOP/129
150	Ethylenediamine	107-15-3	203-468-6	Absent	-	TUV/03/SOP/129
151	Lead	7439-92-1	231-100-4	<LOQ	50 mg/kg	TUV/03/SOP/129
152	Octamethylcyclotetrasiloxane	556-67-2	209-136-7	Absent	-	TUV/03/SOP/129
153	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	<LOQ	50 mg/kg	TUV/03/SOP/129
154	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	<LOQ		TUV/03/SOP/129
155	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	<LOQ	50 mg/kg	TUV/03/SOP/129
156	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	<LOQ	50 mg/kg	TUV/03/SOP/129



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Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	LOQ	Test Method
157	[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	<LOQ	50 mg/kg	TUV/03/SOP/129
158	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	<LOQ	50 mg/kg	TUV/03/SOP/129
159	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	<LOQ	50 mg/kg	TUV/03/SOP/129
160	Phenolphthalein	77-09-8	201-004-7	<LOQ	50 mg/kg	TUV/03/SOP/129
161	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	<LOQ	50 mg/kg	TUV/03/SOP/129
162	Tricosafuorododecanoic acid	307-55-1	206-203-2	<LOQ	50 mg/kg	TUV/03/SOP/129
163	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	<LOQ	50 mg/kg	TUV/03/SOP/129
164	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	<LOQ	50 mg/kg	TUV/03/SOP/129
165	Pentadecafluoro Octanoic Acid	335-67-1	206-379-9	<LOQ	50 mg/kg	TUV/03/SOP/129
166	Ammonium Pentadecafluoro-octanoate	3825-26-1	223-320-4	<LOQ	50 mg/kg	TUV/03/SOP/129
167	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	<LOQ	50 mg/kg	TUV/03/SOP/129
168	4-Nonylphenol, branched and linear ethoxylates	-	-	<LOQ	50 mg/kg	TUV/03/SOP/129
	[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]			<LOQ	50 mg/kg	TUV/03/SOP/129
169	4-Nonylphenol, branched and linear ethoxylates (As per Decision no ED/69/2013)	-	-	<LOQ	50 mg/kg	TUV/03/SOP/129
170	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	140-66-9	205-426-2	<LOQ	50 mg/kg	TUV/03/SOP/129
171	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	<LOQ	50 mg/kg	TUV/03/SOP/129
172	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	<LOQ	50 mg/kg	TUV/03/SOP/129
173	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	<LOQ	50 mg/kg	TUV/03/SOP/129



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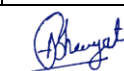
Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	LOQ	Test Method
174	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	<LOQ	50 mg/kg	TUV/03/SOP/129
175	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate 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)			<LOQ	50 mg/kg	TUV/03/SOP/129
176	Coal tar Pitch High Temperature	65996-93-2	266-028-2	<LOQ	50 mg/kg	TUV/03/SOP/129
177	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	---	---	<LOQ	50 mg/kg	TUV/03/SOP/129
178	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	<LOQ	50 mg/kg	TUV/03/SOP/129
179	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	<LOQ	50 mg/kg	TUV/03/SOP/129
180	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	<LOQ	50 mg/kg	TUV/03/SOP/129
181	Formaldehyde Oligomeric Reaction Products with Aniline (Technical MDA)	25214-70-4	500-036-1	<LOQ	50 mg/kg	TUV/03/SOP/129
182	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone]	561-41-1	209-218-2	<LOQ	50 mg/kg	TUV/03/SOP/129
183	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	<LOQ	50 mg/kg	TUV/03/SOP/129
184	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	<LOQ	50 mg/kg	TUV/03/SOP/129
185	Hexahydromethylphthalic anhydride [1],	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	<LOQ	50 mg/kg	TUV/03/SOP/129
	Hexahydro-4-methylphthalic anhydride [2],			<LOQ	50 mg/kg	TUV/03/SOP/129
	Hexahydro-1-methylphthalic anhydride [3],			<LOQ	50 mg/kg	TUV/03/SOP/129
	Hexahydro-3-methylphthalic anhydride [4]			<LOQ	50 mg/kg	TUV/03/SOP/129
	[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]			<LOQ	50 mg/kg	TUV/03/SOP/129
186	Zirconia Alumino Silicate Refractroy Fibres	---	---	<LOQ	0.01 % (w/w)	TUV/03/SOP/129
187	Alumino Silicate Refractroy Fibres	---	---	<LOQ	0.01 % (w/w)	TUV/03/SOP/129



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Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	LOQ	Test Method
188	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid, Ammonium nonadecafluorodecanoate	335-76-2, 3108-42-7	206-400-3	<LOQ	50 mg/kg	TUV/03/SOP/129
189	Perfluorohexane-1-sulphonic acid and its salts	355-46-4	206-587-1	<LOQ	50 mg/kg	TUV/03/SOP/129
190	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)	-	-	<LOQ	50 mg/kg	TUV/03/SOP/129
191	Terphenyl, hydrogenated	61788-32-7	262-967-7	<LOQ	50 mg/kg	TUV/03/SOP/129
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	<LOQ	50 mg/kg	TUV/03/SOP/129
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	<LOQ	50 mg/kg	TUV/03/SOP/129
194	Benzo[k]fluoranthene	207-08-9	205-916-6	<LOQ	50 mg/kg	TUV/03/SOP/129
195	Fluoranthene	206-44-0; 93951-69-0	205-912-4	<LOQ	50 mg/kg	TUV/03/SOP/129
196	Phenanthrene	85-01-8	201-581-5	<LOQ	50 mg/kg	TUV/03/SOP/129
197	Pyrene	129-00-0; 1718-52-1	204-927-3	<LOQ	50 mg/kg	TUV/03/SOP/129
198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	<LOQ	50 mg/kg	TUV/03/SOP/129
199	4-tert-butylphenol	98-54-4	202-679-0	<LOQ	50 mg/kg	TUV/03/SOP/129
200	2-methoxyethyl acetate	110-49-6	203-772-9	<LOQ	50 mg/kg	TUV/03/SOP/129
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	-	-	<LOQ	50 mg/kg	TUV/03/SOP/129
202	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	<LOQ	50 mg/kg	TUV/03/SOP/129
203	Diisohexyl phthalate	71850-09-4	276-090-2	<LOQ	50 mg/kg	TUV/03/SOP/129
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	<LOQ	50 mg/kg	TUV/03/SOP/129
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	<LOQ	50 mg/kg	TUV/03/SOP/129
206	1-vinylimidazole	1072-63-5	214-012-0	<LOQ	50 mg/kg	TUV/03/SOP/129
207	2-methylimidazole	693-98-1	211-765-7	<LOQ	50 mg/kg	TUV/03/SOP/129



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Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	LOQ	Test Method
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	<LOQ	50 mg/kg	TUV/03/SOP/129
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	<LOQ	50 mg/kg	TUV/03/SOP/129
210	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	-	<LOQ	50 mg/kg	TUV/03/SOP/129
	diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-	-			
	Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4	293-901-5			
	Diocetyl tin dilaurate	3648-18-8	222-883-3			
211	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	<LOQ	50 mg/kg	TUV/03/SOP/129
212	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) Phenol, dodecyl-, branched EC No.: 310-154-3 CAS No.: 121158-58-5 Phenol, (tetrapropenyl) derivatives EC No.: - CAS No.: 74499-35-7 Phenol, 4-dodecyl, branched EC No.: - CAS No.: 210555-94-5 4-isododecylphenol EC No.: - CAS No.: 27459-10-5 Phenol, tetrapropylene- EC No.: - CAS No.: 57427-55-1 Phenol, 4-isododecyl- EC No.: - CAS No.: 27147-75-7	-	-	Absent	50 mg/kg	TUV/03/SOP/129
213	orthoboric acid, sodium salt boric acid (H3BO3), sodium salt, hydrate EC No.: - CAS No.: 25747-83-5 Boric acid (H3BO3), disodium salt EC No.: - CAS No.: 22454-04-2 Trisodium orthoborate EC No.: 238-253-6 CAS No.: 14312-40-4 Boric acid, sodium salt EC No.: 215-604-1 CAS No.: 1333-73-9 Orthoboric acid, sodium salt EC No.: 237-560-2 CAS No.: 13840-56-7 Boric acid (H3BO3), sodium salt (1:1) EC No.: - CAS No.: 14890-53-0	-	-	<LOQ	50 mg/kg	TUV/03/SOP/129



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Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	LOQ	Test Method
214	Medium-chain chlorinated paraffins (MCCP) UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17 Alkanes, C14-16, chloro EC No.: - CAS No.: 1372804-76-6 Alkanes, C14-17, chloro EC No.: 287-477-0 CAS No.: 85535-85-9 di-, tri- and tetrachlorotetradecane EC No.: 950-299-5 CAS No.: - Tetradecane, chloro derivs. EC No.: - CAS No.: 198840-65-2	-	-	Absent	50 mg/kg	TUV/03/SOP/129
215	Glutaral	203-856-5	111-30-8	Absent	50 mg/kg	TUV/03/SOP/129
216	4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	Absent	50 mg/kg	TUV/03/SOP/129
217	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers (2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-31-3 2-(4-tert-butylbenzyl)propionaldehyde EC No.: 201-289-8 CAS No.: 80-54-6 (2S)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-30-2	-	-	Absent	50 mg/kg	TUV/03/SOP/129
218	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA) 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA) EC No.: 253-057-0 CAS No.: 36483-57-5 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) EC No.: - CAS No.: 1522-92-5 2,2-bis(bromomethyl)propane-1,3-diol (BMP) EC No.: 221-967-7 CAS No.: 3296-90-0 2,3-dibromo-1-propanol (2,3-DBPA) EC No.: 202-480-9 CAS No.: 96-13-9	-	-	Absent	50 mg/kg	TUV/03/SOP/129
219	1,4-dioxane	204-661-8	123-91-1	<LOQ	50 mg/kg	TUV/03/SOP/129
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	-	Absent	-	TUV/03/SOP/129



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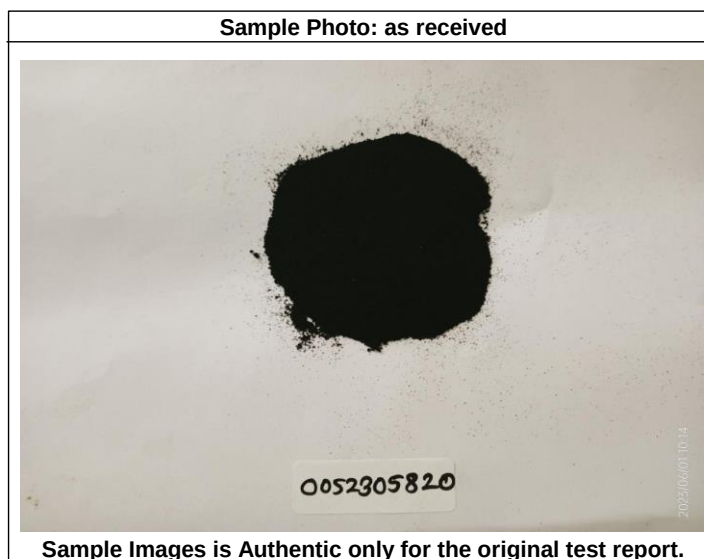
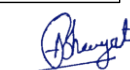
Sr. No.	Name of SVHC	CAS No.	EC. No.	Result	LOQ	Test Method
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	204-327-1	Absent	-	TUV/03/SOP/129
222	S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	Absent	-	TUV/03/SOP/129
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	Absent	-	TUV/03/SOP/129
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	Absent	-	TUV/03/SOP/129
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	Absent	-	TUV/03/SOP/129
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	Absent	-	TUV/03/SOP/129
227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	Absent	-	TUV/03/SOP/129
228	Barium diboron tetraoxide	13701-59-2	237-222-4	<LOQ	50	TUV/03/SOP/129
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate EC No.: 247-426-5 CAS No.: 26040-51-7			Absent	-	TUV/03/SOP/129
230	Isobutyl 4-hydroxybenzoate	4247-02-03	224-208-8	Absent	-	TUV/03/SOP/129
231	Melamine	108-78-1	203-615-4	<LOQ	50	TUV/03/SOP/129
232	Perfluoroheptanoic acid and its salts Ammonium perfluoroheptanoate EC No.: 228-098-2 CAS No.: 6130-43-4 potassium perfluoroheptanoate EC No.: - CAS No.: 21049-36-5 Perfluoroheptanoic acid EC No.: 206-798-9 CAS No.: 375-85-9 Sodium perfluoroheptanoate EC No.: 243-518-4 CAS No.: 20109-59-5			Absent	-	TUV/03/SOP/129
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine		473-390-7	Absent	-	TUV/03/SOP/129



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- Note: 1) ICP Screening analysis: Test portion is digested with acid, the elements analyzed by ICP-OES
[The test result is based on the calculation of selected element(s) The substances are tested in term of its respective elements only
- 2) LC-MS/MS Screening: Test portion is Extracted with suitable solvents based on solubility of compounds, the Extracted solution is analyzed by LC-MS/MS.
- 3) GC-MS Screening: Test portion is Extracted with suitable solvents based on solubility of compounds, the Extracted solution is analyzed by GC-MS.
- 4) DL = Detection Limit
- 5) *Limit for Cadmium and Cadmium Compounds Expressed as Cadmium is 100mg/kg max.
- 6) 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.
- 7) The Test result is calculated as per selected identifiers of the SVHC and Calculations are based on worst case scenario
- 8) Considering UVCB nature, sample results may be termed as Semi-quantitative.
- 9) LOQ- Limit of Quantification

Authorized by
Apurva Bhagat
In Charge - Materials

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-- End of Report --