

Prüfbericht - Nr.: Test Report No.:		0101-02607-25-05		Seite 1 von 13 Page 1 of 13			
Auftraggeber: Client:		JSW STEEL LIMITED Dolvi Works-HSM & LCP, Geetapuram Village, Dolvi, Taluka-Pen, Dist-Raigad, Maharashtra-402107, India.					
Kunden-referenz-Nr.: Client reference no.:		PO No:DOLVI-HL/25-26/4500218012 PO Dated: 2025-08-07 & TRF Dated: 2025-08-20		Auftrags-Nr: Order no.:		147098073	
Gegenstand der Prüfung: Test item:		1) Hot Rolled Coil (B.No: 225096808) 2) TMT (B.No: 25402900) 3) Billet (B.No: 25203228) 4) Slab (B.No: 104605203)		Auftragsdatum: Order date.:		2025-08-25	
Bezeichnung Typ-Nr.: Identification / Type No.:		-		wareneingangsdatum: Date of sample receipt:		2025-08-25	
Auftrags-Inhalt: Order content:		Chemical Test		Prüfmuster-Nr: Test sample no.:		0101-02607-25-05	
Prüfgrundlage: Test specification:		Customer requirement: 250 Substances of Very High Concern (SVHC) as per Authorization List and Candidate List Proposed by European Chemical Agency (ECHA) With Reference to Corrigendum to Regulation (EC) No.1907/2006- REACH.		Prüfzeitraum: Testing Period:		2025-08-29 To 2025-09-08	
Ort der Prüfung: Place of testing:		Plot No. 27B, 2 nd Cross, Electronic City Phase1, Hosur Road, Bangalore - 560100, Karnataka, India.					
Prüflaboratorium: Testing laboratory:		TÜV Rheinland (India) Private Limited, Material Testing Laboratory.					
Prüfergebnis: Test Result:		Refer Page No: 2 to 13					
Geprüft von: Checked by:		Sesuraj S		Genehmigt von: authorized by:		Anbukumar S	
Datum: Date:		2025-09-09		Ausstelldatum: Issue date:		2025-09-09	
Stellung / Position:		Deputy Manager Material Testing Laboratory		Stellung / Position:		Manager-Operation Material Testing Laboratory	
Sonstiges/ Other: Part -1 of test results are Accredited by NABL & Part -2 are Non-accredited parameters.							
Zustand des prüfgegenstandes bei Anlieferung: Condition of the test item at the time of delivery:		Good					
Abkürzungen:		ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar		Abbreviations:		ok / P = passed fail / F = failed n.a. / N = not applicable	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a.m test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark. Test item submitted by client. Sampling not done by TUVRI. 'Laboratory employs simple acceptance rule in making Pass or Fail decisions on test results with no guard band'.</i>							

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1. Background:

TÜV RHEINLAND INDIA PVT. LTD was requested to analyze the part for 250 substances of very high concern as per the authorization list and candidate list which was published in accordance with article 50(10) of the REACH Regulation (EC) No: 1907/2006.

REACH (Registration, Evaluation, Authorization and Restrictions of Chemicals) is the regulation for controlling chemicals in Europe. Any company exporting a chemical substance on its own, in preparation (mixture of substances), or in articles (finished manufactured goods & packaging material) at or above 1 tonne per year should be subjected to REACH compliance and the company must register chemical substances with the European Chemical Agency (ECHA)

1.1 Risk Assessment of Articles:

Quantification and Screening of substances of very high concern (SVHC) subject to the candidate list by European Chemical Agency (ECHA) according to Regulation (EC) No. 1907/2006 of REACH and its Amendments.

Obligation of Importer is necessary if the detected SVHC concentration in article level is >0.1%:
To communicate information down the supply chain according to article:33 of REACH (or)

1. Notification to ECHA, if the quantities of SVHC in the produced/imported articles are above 1 ton in total per year per company.
2. Provide sufficient information to ensure safe use of the article and, as a minimum, include the name of the substance, to their customers and on request to consumers within 45 days of the receipt of this Request.
3. Under the Waste Framework Directive, notify ECHA if the articles contain substances of very high concern in a concentration above 0.1% (weight by weight)-Will be published in ECHA's databases of concern in products (SCIP)

1.2 Executive Summary

The Analysed part does not show the presence of any 250 SVHC's as per the Authorization list and the candidate list subject to authorization released by ECHA. The Concentration of Individual SVHC is well below the 0.1% wt/wt threshold limit.

Conclusion			
Product Location	Detected Substance (if any)	According to authorization list (EU)No:143/2011, (EU) No:125/2012, (EU) No: 348/2013, (EU) No 895/2014 and (EU) No:2017/999 (Annex XIV of EC No:1907/2006) and Candidate list by ECHA, And the EU Court of Justice rules on SVHCs in articles, The detected SVHC concentration in components level is	Obligation of Importer (*) (For Article)
Material	--	< 0.1%	Not Necessary

Remarks: The Article submitted complies with the REACH Regulation regarding SVHC obligations as of the current date. The concentration of SVHCs is well within the 0.1% (w/w) limit.

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2. Materials and Methods

Discipline: Chemical

Product Group: Hazardous & Restricted Chemicals

2.1 Product Classification:

With reference to Corrigendum to Regulation (EC) no.1907/2006 and ECHA, this product is classified as:

☒	Article
☒	Article with an integral substance/ mixture
☒	Combinations of an article (functioning as a container or a carrier material) and a substance/ mixture
☒	Substance/ mixture

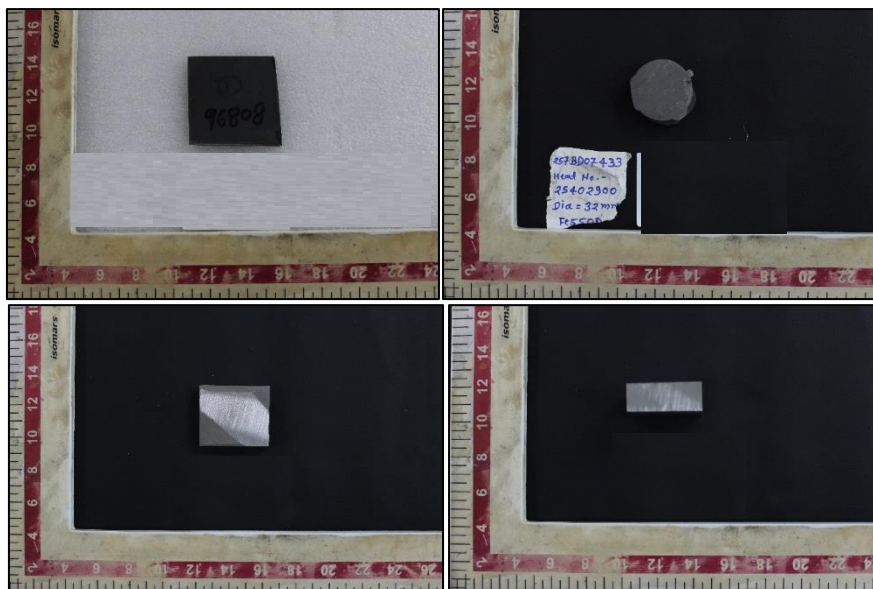
2.2 Test Method for 250 SVHC's:

Quantification and Screening of 250 Substances of Very High Concern (SVHC) in Authorization list and Candidate list 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19, 20,21,22,23,24,25,26,27,28,29,30, 31,32, 33 & 34 subjects to authorization.

2.3 Test Standard: Work Instruction MS-0026244

- 1) Test Portion is digested with acid and assisted with microwave, the elements are analyzed by ICP-OES
- 2) Test Portion is extracted with Organic solvent, the extracted solution is analyzed by GC-MS.GC-FID/ECD, LC-MS-MS & HPLC

Test Item photograph:



Note: This report is prepared based on the sample provided at the time of testing. Should there be any changes in the composition or the process of the product TÜV Rheinland will not be responsible for any damage/liabilities.

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TEST RESULTS PART – 1



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Sl. No.	Substance name	CAS No.	Results (%)
1	4-4'-Diaminodiphenylmethane	101-77-9	ND
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	ND
3	(Short Chain Chlorinated Paraffins) C10-13, (SCCP)	85535-84-8	ND
4	Benzyl butyl phthalate (BBP)	85-68-7	ND
5	Bis (2-ethyl(hexyl)phthalate) DEHP)	117-81-7	ND
6	Bis(tributyltin)oxide, hexabutyldistannoxane (TBTO)	56-35-9	ND
7	Dibutyl phthalate (DBP)	84-74-2	ND
8	HBCDD/ 1,3,5,7,9,11- HBCDD	25637-99-4/ 3194-55-6	ND
9	2,4-Dinitrotoluene	121-14-2	ND
10	Diisobutyl phthalate	84-69-5	ND
11	Tris(2-chloroethyl) phosphate	115-96-8	ND
12	Acrylamide	79-06-1	ND
13	Trichloroethylene	79-01-6	ND
14	2-Ethoxyethanol	110-80-5	ND
15	2-Methoxyethanol	109-86-4	ND
16	1,2,3-trichloropropane	96-18-4	ND
17	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	ND
18	1-methyl-2-pyrrolidone	872-50-4	ND
19	2-ethoxyethyl acetate	111-15-9	ND
20	Hydrazine	302-01-2	ND
21	1,2-Dichloroethane	107-06-2	ND
22	2,2'-Dichloro-4,4'-methylenedianiline	101-14-4	ND
23	2-Methoxyaniline; o-Anisidine	90-04-0	ND
24	4-(1,1,3,3-Tetramethylbutyl) phenol; 4-tert-octyl phenol	140-66-9	ND
25	Bis(2-methoxyethyl) phthalate	117-82-8	ND
26	N, N-dimethylacetamide	127-19-5	ND
27	Phenolphthalein	77-09-8	ND
28	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	ND

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Sl. No.	Substance name	CAS No.	Results (%)
29	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)Tris (epoxy propyl)isocyanurate	2451-62-9	ND
30	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	ND
31	4,4'-bis(dimethylamino)-4'- (methyl amino) trityl alcohol	561-41-1	ND
32	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	ND
33	N, N, N', N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	ND
34	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethyl ammonium chloride (C.I. Basic Violet3)	548-62-9	ND
35	[4-[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethyl ammonium chloride (C.I. Basic Blue 26)	2580-56-5	ND
36	Formamide	75-12-7	ND
37	α, α-Bis[4-(dimethylamino) phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	ND
38	1,2-Diethoxyethane	629-14-1	ND
39	1-bromopropane; n-propyl bromide	106-94-5	ND
40	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	ND
41	4,4'-methylenedi-o-toluidine	838-88-0	ND
42	4,4'-oxydianiline and its salts	101-80-4	ND
43	4-Aminoazobenzene;4-phenylazoaniline	60-09-3	ND
44	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	ND
45	6-methoxy-m-toluidine (p-cresidine)	120-71-8	ND
46	Biphenyl-4-ylamine	92-67-1	ND
47	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [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]	85-42-7, 13149-00-3, 14166-21-3	ND
48	Diazene-1,2-dicarboxamide (C, C'-azodi(formamide))	123-77-3	ND
49	Diethyl sulphate	64-67-5	ND
50	Diisopentylphthalate (DIPP)	605-50-5	ND
51	Dimethyl sulphate	77-78-1	ND
52	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	ND

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Sl. No.	Substance name	CAS No.	Results (%)
53	Henicosafuoroundecanoic acid	2058-94-8	ND
54	Heptacosafuorotetradecanoic acid	376-06-7	ND
55	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	ND
56	Methoxy acetic acid	625-45-6	ND
57	Propylene oxide; 1,2-epoxypropane; methyl oxirane	75-56-9	ND
58	N, N-dimethylformamide	68-12-2	ND
59	N-methyl acetamide	79-16-3	ND
60	o-aminoazotoluene	97-56-3	ND
61	o-Toluidine; 2-Aminotoluene	95-53-4	ND
62	Pentacosafuorotridecanoic acid	72629-94-8	ND
63	Tricosafuorododecanoic acid	307-55-1	ND
64	4-Nonyl phenol, branched and linear, ethoxylated	-	ND
65	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	ND
66	Dipentyl Phthalate	131-18-0	ND
67	Pentadecafluorooctanoic Acid (PFOA)	335-67-1	ND
68	Diethyl phthalate	84-75-3	ND
69	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	ND
70	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	ND
71	Imidazolidine-2-thione (2-imidazoline-2-thiol) Ethylene Thiourea	96-45-7	ND
72	Trixylyl phosphate	25155-23-1	ND
73	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	ND
74	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	ND
75	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of diethyl phthalate	68515-51-5	ND
76	1,3-propanesultone	1120-71-4	ND
77	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	ND
78	Nitrobenzene	98-95-3	ND

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Sl. No.	Substance name	CAS No.	Results (%)
79	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	ND
80	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	ND
81	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2	ND
82	p-(1,1-dimethylpropyl) phenol	80-46-6	ND
83	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 ^{6,9} .0 ^{2,13} .0 ^{5,10}]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	ND
84	Benz[a]anthracene	56-55-3	ND
85	Chrysene	218-01-9	ND
86	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	ND
87	Benzo[ghi]perylene	191-24-2	ND
88	Decamethylcyclopentasiloxane (D5)	541-02-6	ND
89	Dicyclohexyl phthalate (DCHP)	84-61-7	ND
90	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND
91	Ethylene diamine (EDA)	107-15-3	ND
92	Octamethylcyclotetrasiloxane (D4)	556-67-2	ND
93	Terphenyl hydrogenated	61788-32-7	ND
94	Bis(2-methoxyethyl) ether	111-96-6	ND
95	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	ND
96	1,2- Benzenedicarboxylic Acid, Dihexyl Ester Branched and Linear	68515-50-4	ND
97	Perfluorohexane-1-Sulphonic acid and its salts	-	ND
98	Phenanthrene	85-01-8	ND
99	4-tert-butylphenol	98-54-4	ND
100	Butyl 4-Hydroxybenzoate (Butyl paraben)	94-26-8	ND
101	1-Vinylimidazole	1072-63-5	ND
102	2-methylimidazole	693-98-1	ND
103	Bis(2-(2-methoxyethoxy) ethyl)ether	143-24-8	ND
104	2-methoxyethyl acetate	110-49-6	ND

----- End of Part-I Test Report -----

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TEST RESULTS PART – 2

Sl. No	Substance name	CAS No.	Results (%)
105	Anthracene	120-12-7	ND
106	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated)	-	ND
107	Anthracene oil (*3)	90640-80-5	ND
108	Anthracene oil, Anthracene Paste (*3)	90640-81-6	ND
109	Anthracene oil, Anthracene Paste, Anthracene fraction (*3)	91995-15-2	ND
110	Anthracene oil, Anthracene Paste, distn.lights (*3)	91995-17-4	ND
111	Anthracene oil, Anthracene-Low (*3)	90640-82-7	ND
112	1,2 dimethoxyethane, ethylene glycol dimethyl ether	110-71-4	ND
113	1,2 –benzene dicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	ND
114	Fatty acids, C16-C18, lead salts (*1)	91031-62-8	ND
115	4-Nonyl phenol, branched and linear	-	ND
116	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5 dithia-4-stannatetradecanoate (DOTE) (*5)	15571-58-1	ND
117	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl -7-oxo-8-oxo-3,5-dithia-4-stannatetradecanoate and (2-ethylhexyl oxy)-2-oxoethyl) thio)-4-octyl -7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE & MOTE) individual isomers or a combination thereof) (*5) (*6)	-	ND
118	Perfluorononan-1-oic acid and its sodium and ammonium salts	375-95-1,	ND
119	Cobalt (2+) dichloride (*1)	7646-79-9	ND
120	Diarsenic Pentoxide (*1)	1303-28-2	ND
121	Diarsenic trioxide (*1)	1327-53-3	ND
122	Lead hydrogen arsenate (*1)	7784-40-9	ND
123	Sodium dichromate (*2)	7789-12-0	ND
124	Triethyl arsenate (*1)	15606-95-8	ND
125	Lead chromate (*1) (*2)	7758-97-6	ND
126	Lead chromate molybdate sulfate red (C.I Pigment Red (104) (*1) (*2)	12656-85-8	ND
127	Lead sulfochromate yellow (C.I Pigment Yellow 34) (*1)	1344-37-2	ND
128	Ammonium Dichromate (*2)	7789-09-5	ND
129	Boric Acid (*1) (*4)	10043-35-3	ND

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Sl. No	Substance name	CAS No.	Results (%)
130	Disodium Tetraborate, anhydrous (*1) (*4)	1330-43-4	ND
131	Potassium Chromate (*2)	7789-00-6	ND
132	Potassium Dichromate (*2)	7778-50-9	ND
133	Sodium Chromate (*2)	7775-11-3	ND
134	Tetraboran disodium heptaoxide hydrate (*1) (*4)	12267-73-1	ND
135	Acids generated from chromium trioxide and their Oligomers (*2)	7738-94-5, 13530-68-2	ND
136	Chromium trioxide (*2)	1333-82-0	ND
137	Cobalt (II) carbonate (*1)	513-79-1	ND
138	Cobalt (II) diacetate (*1)	71-48-7	ND
139	Cobalt (II) dinitrate (*1)	10141-05-6	ND
140	Cobalt (II) sulphate (*1)	10124-43-3	ND
141	Strontium chromate (*2)	7789-06-2	ND
142	Aluminosilicate, Refractory Ceramic Fibers (RCF)	-	ND
143	Arsenic acid (*1)	7778-39-4	ND
144	Calcium arsenate (*1)	7778-44-1	ND
145	Dichromium tris(chromate) (*2)	24613-89-6	ND
146	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	ND
147	Lead diazide, Lead azide (*1)	13424-46-9	ND
148	Lead dipicrate (*1)	6477-64-1	ND
149	Lead styphnate (*1)	15245-44-0	ND
150	Pentazinc chromate octahydroxide (*2)	49663-84-5	ND
151	Potassium hydroxyoctaoxidizincatedichromate (*2)	11103-86-9	ND
152	Trilead diarsenate (*1)	3687-31-8	ND
153	Zirconia Aluminosilicate, Refractory Ceramic Fibers (RCF)	-	ND
154	Diboron trioxide (*1) (*4)	1303-86-2	ND
155	Lead (II) bis (methane sulfonate) (*1)	17570-76-2	ND
156	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate) (*1)	69011-06-9	ND
157	Acetic acid, lead salt, basic (*1)	51404-69-4	ND
158	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	ND
159	Dibutyltin dichloride (DBTC) (*1)	683-18-1	ND

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160	Dioxobis(stearato)trilead (*1)	12578-12-0	ND
161	Furan	110-00-9	ND
162	Lead bis(tetrafluoroborate) (*1)	13814-96-5	ND
163	Lead cyanamate (*1)	20837-86-9	ND
164	Lead dinitrate (*1)	10099-74-8	ND
165	Lead oxide (lead monoxide) (*1)	1317-36-8	ND
166	Lead oxide sulfate (basic lead sulfate) (*1)	12036-76-9	ND
167	Lead titanium trioxide (*1)	12060-00-3	ND
168	Lead Titanium Zirconium Oxide (*1)	12626-81-2	ND
169	N-pentyl-isopentylphthalate	776297-69-9	ND
170	Lead tetroxide (orange lead) (*1)	1314-41-6	ND
171	Pentalead tetraoxide sulphate (*1)	12065-90-6	ND
172	Pyrochlore, antimony lead yellow (*1)	8012-00-8	ND
173	Silicic acid, barium salt, lead-doped (*1)	68784-75-8	ND
174	Silicic acid, lead salt (*1)	11120-22-2	ND
175	Sulfurous acid, lead salt, dibasic (*1)	62229-08-7	ND
176	Tetraethyl lead (*1)	78-00-2	ND
177	Tetralead trioxide sulphate (*1)	12202-17-4	ND
178	Trilead bis(carbonate)dihydroxide (*1)	1319-46-6	ND
179	Trilead dioxide phosphonate (*1)	12141-20-7	ND
180	Cadmium (*1)	7440-43-9	ND
181	Cadmium Oxide (*1)	1306-19-0	ND
182	Cadmium sulphide (*1)	1306-23-6	ND
183	Lead di(acetate) (*1)	301-04-2	ND
184	Cadmium Chloride (*1)	10108-64-2	ND
185	Sodium Perborate; Perboric Acid, Sodium Salt (*1) (*4)	-	ND
186	Sodium Peroxometaborate (*1) (*4)	7632-04-4	ND
187	Cadmium fluoride (*1)	7790-79-6	ND
188	Cadmium sulphate (*1)	10124-36-4, 31119-53-6	ND
189	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]		ND
190	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	ND

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Sl. No	Substance name	CAS No.	Results (%)
191	Heptyl phenol, 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]	-	ND
192	Coaltar pitch, high temperature (*3)	65996-93-2	ND
193	Cadmium carbonate (*1)	513-78-0	ND
194	Cadmium hydroxide (*1)	21041-95-2	ND
195	Cadmium nitrate (*1)	10325-94-7	ND
196	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	ND
197	Disodium octaborate (*4)	12008-41-2	ND
198	Lead	7439-92-1	ND
199	1,7,7-Trimethyl-3-(phenyl methylene) Bicyclo (2.2.1) Heptan-2-one	15087-24-8	ND
200	2,2-Bis (4'-Hydroxyphenyl)-4-Methylpentane	6807-17-6	ND
201	Benzo(k)Fluoranthene	207-08-9	ND
202	Fluoranthene	206-44-0	ND
203	Pyrene	129-00-0	ND
204	2,3,3,3 Tetrafluoro-2 (heptafluoropropoxy) propionic acid its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	ND
205	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	ND
206	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	ND
207	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND
208	Diisohexyl phthalate	71850-09-4	ND
209	Perfluoro butane sulfonic acid (PFBS) and its salts	-	ND
210	Dibutylbis (pentane-2,4-dionato-O, O') tin (*1)	22673-19-4	ND
211	Dioctyltin dilaurate, stannane, dioctyl-, bis (coco acyloxy) derives., and any other stannane, dioctyl-, bis (fatty acyloxy) derives. wherein C12 is the predominant carbon number of the fatty acyloxy moiety (*5) (*6)	-	ND
212	1,4 -dioxane	123-91-1	ND
213	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);	-	ND
214	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	-	ND

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SI.No.	Substance name	CAS No.	Results (%)
215	4,4'-(1-methylpropylidene) bisphenol (Bisphenol B)	77-40-7	ND
216	Glutaral	111-30-8	ND
217	Medium Chain Chlorinated paraffin's (MCCP) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17)	-	ND
218	Orthoboric acid, sodium salt (*1) (*4)	13840-56-7	ND
219	Phenol, alkylation products (Mainly in para position) with C12 – rich branched alkyl chains from Oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)	-	ND
220	(±)1,7,7 trimethyl 3 (4 methyl phenyl) methylene} bicycle (2.2.1) heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	ND
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-Cresol	119-47-1	ND
222	S-(tricycle (5.2.1.02.6) 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	ND
223	Tris (2-methoxyethoxy) vinylsilane	1067-53-4	ND
224	N-(hydroxymethyl)acrylamide	924-42-5	ND
225	1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	37853-59-1	ND
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	ND
227	4,4'-sulphonyldiphenol	80-09-1	ND
228	Barium diboron tetraoxide (*1) (*4)	13701-59-2	ND
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	ND
230	Isobutyl 4-hydroxybenzoate	4247-02-3	ND
231	Melamine	108-78-1	ND
232	Perfluoroheptanoic acid and its salts	-	ND
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	-	ND
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	ND
235	Bis(4-chlorophenyl) sulphone	80-07-9	ND
236	2,4,6-tri-tert-butylphenol	732-26-3	ND
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	ND
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	ND
239	Bumetizole	3896-11-5	ND

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SI.No.	Substance name	CAS No.	Results (%)
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	ND
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	ND
242	Triphenyl Phosphate	115-86-6	ND
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	ND
244	O,O,O-triphenyl phosphorothioate	597-82-0	ND
245	Octamethyltrisiloxane	107-51-7	ND
246	Perfluamine	338-83-0	ND
247	Reaction mass of: Triphenyl thiophosphate and tertiary butylated phenyl derivatives	192268-65-8	ND
248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy] trisiloxane	17928-28-8	ND
249	Decamethyltetrasiloxane	141-62-8	ND
250	Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-({2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalenetrisulfonate; Reactive Brown 51	-	ND

Note : ND denotes not detected,(< LOQ) % denotes percentage

(*1).The substances are tested in terms of their respective elements only (e.g. As, Pb, Co, B, Sn, and cd).

The actual concentration of its compound cannot be confirmed.

(*2).The substances are tested and calculated in terms of Cr(VI)

(*3).The Substances are UVCB (Substance of unknown are variable composition, complex reaction Products or biological materials), which are identified by their main constituents.

(*4).The substances are confirmed and tested in terms of Boric acid when Boron is detected in the sample.

(*5).The substances is tested and calculated in terms Dioctyl tin.

(*6).The substances is tested and calculated in terms Monoctyl tin and Dioctyl tin.

- Single substances with an amount of <0.01% were not considered by the calculation of the sum.
- In the case of all substances according to table were not detected, the result is stated not detected.
- The Limit of Quantification (LOQ) for the above SVHCs is 0.005%, and for Reactive Brown 51, it is 0.01%.

Disclaimer:

1. This report is issued based on our General Terms and Conditions.
2. The results and recommendations in this report are based on the information available at the time of the testing. They are further applicable within the limits of any instruction of the customer.
3. Test sample(s), as well as sample information, description, product details and intended usage was provided by customer. The laboratory is not responsible for the information/data provided by the customer which can affect the validity of results.
4. This test report was issued for the customer only. No other party may rely on its contents and any liability towards third parties is strictly disclaimed, unless and to the extend such party is expressly mentioned in the report.

---- End of Part-II Test Report ----