



QyqeXWf

tAFYMVY

TEST REPORT

MEASUREMENT AND TEST REPORT

For

Dunhuang yancai cultural industry co., ltd	
Dunhuang, Jiuquan City, Gansu Province	
Models:	1Meishu2Hutao3Licha4Huangluran5Sufang6Putao7Niaozhizi8Baixiang9Qianhuang10Zhizi11Huangdan12Yinzhu13Gebai14Baishu15Yinshu16Huizhi17Qiancao18Lucao19Ruozhu20Lvqing21Changpan22Qiansulv23Ganqing24Hei25Janghu26Yushushu27Xinqiao28Xiuye29Qingpu30Laozhu31Xingxingfei32Hongteng33Songye34Jingcha35Hanhonghua
Equipment Type:	Mineral pigments
Test Standard:	ECHA on 25 June 2025
Report Number:	GBT501074101
Test Date:	Dec.30,2026 to Jan.09,2026
Prepared By:	Guangdong Baotong Quality Inspection Co.,Ltd. Room 802,Building 22,CIMC Intelligent Manufacturing Center,No.15.Shunye West Road,Xingtan,Shunde District.Foshan,Guangdong.China
Date of issue	Jan.09,2026

Tested by:



viewer:



Approved:



TEST REPORT	
Applicant	
name.....	Dunhuang yancai cultural industry co., ltd
Address.....	Dunhuang, Jiuquan City, Gansu Province
Test specification:	
Standard.....	REACH on 25 June 2025
Test procedure..... Type Test	
Non-standard test method.....	N/A
Test item	
Description.....	Mineral pigments
Model and/or type reference...	1Meishu2Hutao3Licha4Huangluran5Sufang6Putao7Niaozhizi8Baixiang9Qianhuang10Zhizi11Huangdan12Yinzhu13Gebai14Baishu15Yinshu16Huizhi17Qiancao18Lucao19Ruozhu20Lvqing21Changpan22Qiansulv23Ganqing24Hei25Janghuzi26Yushushu27Xinqiao28Xiuye29Qingpu30Laozhu31Xingxingfei32Hongteng33Songye34Jingcha35Hanhonghua
Additional model.....	/
Trade mark	/
Manufacturer	Dunhuang yancai cultural industry co., ltd
Address	Dunhuang, Jiuquan City, Gansu Province
Test item particulars	
Classification of installation and use:	N/A
Supply Connection.....	N/A
Possible test case verdicts	
- test case does not apply to the test object....	N(.A)
- test object does meet the requirement.....	P(Pass)
- test object does not meet the requirement.....	F(Fail)

Test Standard		Conclusion
1.	As requested by client, SVHC screening is performed according to: Test the content of 251 Substances of High Concern (SVHC) published by the European Chemicals Agency (ECHA on 5 Nov 2025) in accordance with EU REACH Regulation (EC) No.1907 / 2006. The concentration of the substance of high concern (of 251 SVHC) was less than 0.1% (w / w) for the specified range and analytical technique.	pass



Test method and Test equipment:

Test Results:

No.	Test Item	CAS No.	Test Method	Test Equipment
1	Anthracene	120-12-7	AFPS GS 2019:01 PAK	GC-MS
2	4,4'-Diaminodiphenylmethane	101-77-9	BS EN ISO 14362-1:2017	GC-MS
3	Dibutyl phthalate (DBP)	84-74-2	EN 14372:2004	GC-MS
4	5-tert-butyl-2,4,6-trinitro-m-Xylene(musk xylene)	81-15-2	EPA 3550C:2007	GC-MS
5	Bis(2-ethyl(phthalate)(DEHP)	117-81-7	EN 14372:2004	GC-MS
6	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 (134237-51-7, 34237-50-6, 134237-52-8)	EPA 3550C:2007	GC-MS
7	Alkanes,C10-13,chloro(Short Chain Chlorinated Paraffins)	85535-84-8	EPA 8082A:2007 /EPA 8081B:2007	GC-MS
8	Benzyl butyl phthalate (BBP)	85-68-7	EN 14372:2004	GC-MS
9	Bis(tributyltin)oxide	56-35-9	BS ISO 17353:2004	GC-MS
10	Cobalt dichloride	7646-79-9	EPA 3050B:1996 /EPA 3051A:2007 /EPA 3052:1996	ICP-OES IC-ECD
11	Diarsenic pentaoxide	1303-28-2	EPA 3050B:1996 /EPA 3051A:2007 /EPA 3052:1996	ICP-OES
12	Diarsenic trioxide	1327-53-3	EPA 3052:1996	ICP-OES
13	Triethyl arsenate	15606-95-8	EPA 3052:1996	ICP-OES
14	Lead hydrogen arsenate	7784-40-9	EPA 3050B:1996 /EPA 3051A:2007 /EPA 3052:1996	ICP-OES
15	Sodium dichromate, dihydrate	10588-01-9	EPA 3050B:1996 /EPA 3051A:2007 /EPA 3052:1996 / EPA 3060A:1996	ICP-OES Uv-Vis
16	Anthracene oil	90640-80-5	AFPS GS 2019:01 PAK	GC-MS
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	AFPS GS 2019:01 PAK	GC-MS
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	AFPS GS 2019:01 PAK	GC-MS
19	Anthracene oil, anthracene-low	90640-82-7	AFPS GS 2019:01 PAK	GC-MS
20	Anthracene oil, anthracene paste	90640-81-6	AFPS GS 2019:01 PAK	GC-MS
21	Diisobutyl phthalate	84-69-5	EN 14372:2004	GC-MS
22	2,4-Dinitrotoluene	121-14-2	EPA 3540C:1996	GC-MS
23	coal tar pitch,high temperature	65996-93-2	AFPS GS 2019:01 PAK	GC-MS

Room 802,Building 22,CIMC Intelligent Manufacturing Center,No.15.Shunye West Road,Xingtang,Shunde District.Foshan,Guangdong.China

Web: <http://www.gd-zzjc.com> Tel: 40070577668 E-mail:service@gd-zzjc.com

No.	Test Item	CAS No.	Test Method	Test Equipment
24	tris(2-chloroethyl)phosphate	115-96-8	EPA 3540C:1996	GC-MS
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-308-20	EPA 3050B:1996 /EPA 3051A:2007 /EPA 3052:1996 /EPA 3060A:1996	ICP-OES Uv-Vis
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	EPA 3050B:1996 /EPA 3051A:2007 /EPA 3052:1996 /EPA 3060A:1996	ICP-OES Uv-Vis
27	Lead chromate	7758-97-6	EPA 3050B:1996 /EPA 3051A:2007 /EPA 3052:1996 /EPA 3060A:1996	ICP-OES Uv-Vis
28	Acrylamide	79-06-1	EPA 3550C:2007	GC-MS
29	Trichloroethylene	79-01-6	EPA 3550C:2007	GC-MS
30	Boric acid	11113-50-1	EPA 3051A:2007	ICP-OES
31	Disodium tetraborate, anhydrou	12179-04-3	EPA 3051A:2007	ICP-OES
32	tetraboron disodium heptaoxide hydrate	12267-73-1	EPA 3051A:2007	ICP-OES
33	Sodium chromate	7775-11-3	EPA 3051A:2007	ICP-OES
34	Potassium chromate	7789-00-6	EPA 3051A:2007	ICP-OES
35	Ammonium dichromate	7789-09-5	EPA 3051A:2007	ICP-OES
36	Potassium dichromate	7778-50-9	EPA 3051A:2007	ICP-OES
37	Cobalt sulfate	10124-43-3	EPA 3051A:2007	ICP-OES
38	Cobalt dinitrat	10141-05-6	EPA 3051A:2007	ICP-OES
39	Cobalt carbonate	513-79-1	EPA 3051A:2007	ICP-OES
40	Cobalt diacetate	71-48-7	EPA 3051A:2007	ICP-OES
41	2-Methoxyethanol	109-86-4	EPA 3540C:1996	GC-MS
42	2-Ethoxyethanol	110-80-5	EPA 3540C:1996	GC-MS
43	Chromium trioxide	1333-82-0	EPA 3060A:1996	Uv-Vis
44	Chromic acid	7738-94-5	EPA 3060A:1996	Uv-Vis
	Dichromic acid	13530-68-2		
	Oligomers of chromicacid and dichromic acid	--		
45	2- ethoxyethyl acetate	111-15-9	EPA 3550C:2007	GC-MS
46	strontium chromate	7789-06-2	EPA 3051A:2007	ICP-OES
47	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters	68515-42-4	EPA 3550C:2007	GC-MS
48	Hydrazine	7803-57-8 302-01-2	EPA 3540C:1996	GC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
49	1-Methyl-2-pyrrolidinone	872-50-4	EPA 3550C:2007	GC-MS
50	1,2,3-trichloropropane	96-18-4	EPA 3540C:1996	GC-MS
51	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters,C7-rich	71888-89-6	EPA 3550C:2007	GC-MS
52	Zirconia Aluminosilicate Refractory Ceramic Fibres	--	EPA 3051A:2007	ICP-OES
53	Calcium arsenate	7778-44-1	EPA 3051A:2007	ICP-OES
54	Bis(2-methoxyethyl) ether	111-96-6	EPA 3540C:1996	GC-MS
55	Aluminosilicate Refractory Ceramic Fibres	--	EPA 3051A:2007	ICP-OES
56	Chromate, hydroxyoctaoxidizincatedi-, potassium	11103-86-9	EPA 3051A:2007	ICP-OES
57	Lead dipicrate	6477-64-1	EPA 3051A:2007	ICP-OES
58	N,N-dimethylacetamide	127-19-5	EPA 3540C:1996	GC-MS
59	Arsenic acid	7778-39-4	EPA 3051A:2007	ICP-OES
60	2-Methoxyaniline; o-Anisidine	90-04-0	EPA 3540C:1996	GC-MS
61	Trilead diarsenate	3687-31-8	EPA 3540C:1996	GC-MS
62	1,2-dichloroethane	107-06-2	EPA 3540C:1996	GC-MS
63	Pentazinc chromate octahydroxide	49663-84-5	EPA 3052:1996	ICP-OES
64	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	EPA 3540C:1996	GC-MS
65	Formaldehyde, oligomeric reaction products aniline	25214-70-4	EPA 3060A:1996 EPA 3540C:1996	UV-Vis GC-MS
66	Bis(2-methoxyethyl) phthalate	117-82-8	EPA 3540C:1996	GC-MS
67	Lead diazide, Lead azide	13424-46-9	EPA 3052:1996	ICP-OES
68	Lead styphnate	15245-44-0	EPA 3052:1996	ICP-OES
69	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	EPA 3540C:1996	GC-MS
70	Phenolphthalein	77-09-8	EPA 3540C:1996	GC-MS
71	Dichromium tris(chromate)	24613-89-6	EPA 3052:1996	ICP-OES
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	EPA 3540C:1996	GC-MS
73	1,2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME)	110-71-4	EPA 3540C:1996	GC-MS
74	Diboron trioxide	1303-86-2	EPA 3052:1996	ICP-OES
75	Formamide	75-12-7	EPA 3540C:1996	GC-MS
76	Lead(II)bis(methanesulfonate)	17570-76-2	EPA 3052:1996	ICP-OES
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	EPA 3540C:1996	GC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
78	β -TGIC(1,3,5-tris [(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	EPA 3540C:1996	GC-MS
79	4,4'-bis(dimethylamino) benzophenone(Michler's ketone)	90-94-8	EPA 3540C:1996	GC-MS
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	EPA 3540C:1996	GC-MS
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	EPA 3540C:1996	GC-MS
82	[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	EPA 3540C:1996	GC-MS
83	α,α -Bis[4-(dimethylamino)phenyl] -4 (phenylamino)naphthalene -1-methanol (C.I. Solvent Blue 4)	6786-83-0	EPA 3540C:1996	GC-MS
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	EPA 3540C:1996	GC-MS
85	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	EPA 3540C:1996	GC-MS
86	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	EPA 3540C:1996	GC-MS
87	N-methylacetamide	79-16-3	EPA 3540C:1996	GC-MS
88	Pentalead tetraoxide sulphate	12065-90-6	EPA 3052:1996	ICP-OES
89	Biphenyl-4-ylamine	202-177-1	EPA 3540C:1996	GC-MS
90	Dinoseb	88-85-7	EPA 3540C:1996	GC-MS
91	Dioxobis(stearato)trilead	12578-12-0	EPA 3052:1996	ICP-OES
92	Lead dinitrate	10099-74-8	EPA 3052:1996	ICP-OES
93	Tetralead trioxide sulphate	12202-17-4	EPA 3052:1996	ICP-OES
94	Lead oxide (lead monoxide)	1317-36-8	EPA 3052:1996	ICP-OES
95	Lead titanium trioxide	12060-00-3	EPA 3052:1996	ICP-OES
96	4,4'-methylenedi-o-toluidine	838-88-0	EPA 3540C:1996	GC-MS
97	Acetic acid, lead salt, basic	51404-69-4	EPA 3052:1996	ICP-OES
98	Dimethyl sulphate	77-78-1	EPA 3540C:1996	GC-MS
99	Furan	110-00-9	EPA 3540C:1996	GC-MS
100	Pyrochlore, antimony lead yellow	8012-00-8	EPA 3540C:1996	GC-MS
101	Tetraethyllead	78-00-2	EPA 3052:1996	ICP-OES
102	[Phthalato(2-)]dioxotrilead	69011-06-9	EPA 3052:1996	ICP-OES
103	Diethyl sulphate	64-67-5	EPA 3540C:1996	GC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
104	Lead cyanamidate	20837-86-9	EPA 3052:1996	ICP-OES
105	Silicic acid, barium salt, lead-doped	68784-75-8	EPA 3052:1996	ICP-OES
106	Trilead dioxide phosphonate	12141-20-7	EPA 3052:1996	ICP-OES
107	o-Toluidine; 2-Aminotoluene	95-53-4	EPA 3540C:1996	GC-MS
108	o-aminoazotoluene	97-56-3	EPA 3540C:1996	GC-MS
109	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-03	EPA 3540C:1996	GC-MS
110	6-methoxy-m-toluidine (p-cresidine)	120-71-8	EPA 3540C:1996	GC-MS
111	Dibutyltin dichloride (DBT)	683-18-1	EPA 3540C:1996	GC-MS
112	Lead Titanium Zirconium Oxide	12626-81-2	EPA 3052:1996	ICP-OES
113	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	EPA 3540C:1996	GC-MS
114	1-bromopropane	106-94-5	EPA 3540C:1996	GC-MS
115	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	EPA 3052:1996	ICP-OES
116	Fatty acids, C16-18, lead salts	91031-62-8	EPA 3052:1996	ICP-OES
117	Lead tetroxide (orange lead)	1314-41-6	EPA 3052:1996	ICP-OES
118	Sulfurous acid, lead salt, dibasic	62229-08-7	EPA 3052:1996	ICP-OES
119	4,4'-oxydianiline and its salts	101-80-4	EPA 3540C:1996	GC-MS
120	lead oxide sulphate	12036-76-9	EPA 3052:1996	ICP-OES
121	Lead bis(tetrafluoroborate)	13814-96-6	EPA 3052:1996	ICP-OES
122	Silicic acid, lead salt	11120-22-2	EPA 3052:1996	ICP-OES
123	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	EPA 3540C:1996	GC-MS
124	4-Nonylphenol, branched and linear – 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	--	EPA 3540C:1996	GC-MS
125	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	EPA 3540C:1996	GC-MS
126	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated – covering well-defined substances and UVCB substances, polymers and homologues	--	EPA 3540C:1996	GC-MS
127	1,2-Diethoxyethane	629-14-1	EPA 3540C:1996	GC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
128	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	EPA 3540C:1996	GC-MS
129	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride – HHPA)	85-42-7	EPA 3540C:1996	GC-MS
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	EPA 3540C:1996	GC-MS
131	N-pentyl-isopentylphthalate	--	EPA 3540C:1996	GC-MS
132	Heptacosafuorotetradecanoic acid	376-06-7	EPA 3540C:1996	GC-MS
133	Pentacosafuorotridecanoic acid	72629-94-8	EPA 3540C:1996	GC-MS
134	Henicosafuoroundecanoic acid	2058-94-8	EPA 3540C:1996	GC-MS
135	Tricosafuorododecanoic acid	307-55-1	EPA 3540C:1996	GC-MS
136	Methoxy acetic acid	625-45-6	EPA 3540C:1996	GC-MS
137	Diisopentylphthalate	605-50-5	EPA 3540C:1996	GC-MS
138	N,N-dimethylformamide; dimethyl formamide	68-12-2	EPA 3540C:1996	GC-MS
139	Cadmium	7440-43-9	EPA 3050B:1996	ICP-OES
140	Cadmium oxide	1306-19-0	EPA 3050B:1996	ICP-OES
141	Dipentyl phthalate (DPP)	131-18-0	EPA 3540C:1996	GC-MS
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--	EPA 3540C:1996	GC-MS
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	EPA 3540C:1996	GC-MS
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	EPA 3540C:1996	GC-MS
145	Cadmium Sulfide	1306-23-6	EPA 3050B:1996	ICP-OES
146	Di-N-Hexyl Phthalate	84-75-3	EPA 3540C:1996	GC-MS
147	Direct Red 28	573-58-0	EPA 3540C:1996	GC-MS
148	Direct Black 38	1937-37-7	EPA 3540C:1996	GC-MS
149	Ethlenethiourea	96-45-7	EPA 3540C:1996	GC-MS
150	Acetic Acid	301-04-2	EPA 3050B:1996	ICP-OES

No.	Test Item	CAS No.	Test Method	Test Equipment
151	Trixylyl Phosphate	25155-23-1	EPA 3540C:1996	GC-MS
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4.	EPA 3540C:1996	GC-MS
153	Cadmium chloride	10108-64-2.	EPA 3050B:1996	ICP-OES
154	Sodium perborate; perboric acid, sodium salt	--	EPA 3050B:1996	ICP-OES
155	Sodium peroxometaborate	7632-4-4	EPA 3050B:1996	ICP-OES
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	EPA 3540C:1996	GC-MS
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	EPA 3540C:1996	GC-MS
158	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)	--	EPA 3540C:1996	GC-MS
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	EPA 3540C:1996	GC-MS
160	Cadmium fluoride	7790-79-6	EPA 3050B:1996	ICP-OES
161	Cadmium sulphate	10124-36-4, 31119-53-6	EPA 3050B:1996	ICP-OES
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68515-51-5 68648-93-1	EPA 3540C:1996	GC-MS
163	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]	--	EPA 3540C:1996	GC-MS
164	1,3-propanesultone	1120-71-4	EPA 3540C:1996	GC-MS
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	3864-99-1	EPA 3540C:1996	GC-MS
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	EPA 3540C:1996	GC-MS
167	Nitrobenzene	98-95-3	EPA 3540C:1996	GC-MS
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	EPA 3540C:1996	GC-MS
169	Benzo[a]pyrene	50-32-8	AFPS GS 2019:01	GC-MS
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	EPA 3540C:1996	GC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
171	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]	--	EPA 3050B:1996	ICP-OES
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	EPA 3540C:1996	GC-MS
173	p-(1,1-dimethylpropyl)phenol	80-46-6	EPA 3540C:1996	GC-MS
174	Perfluorohexane-1-sulphonic acid and its salts	--	EPA 3540C:1996	GC-MS
175	Benz[a]anthracene	56-55-3, 1718-53-2	AfPS GS 2019:01	GC-MS
176	Cadmium carbonate	513-78-0	EPA 3050B:1996	ICP-OES
177	Cadmium hydroxide	21041-95-2	EPA 3050B:1996	ICP-OES
178	Cadmium nitrate	10022-68-1, 10325-94-7	EPA 3050B:1996	ICP-OES
179	Chrysene	218-01-9, 1719-03-5	EPA 3540C:1996	GC-MS
180	Dodecachloropentacyclo[12.2.1.16,9.0 2,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) covering any of its individual anti- and syn-isomers or any combination thereof	--	EPA 3540C:1996	GC-MS
181	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 (4-HPbl)	--	EPA 3050B:1996	ICP-OES
182	Octamethylcyclotetrasiloxane D4	556-608-20	EPA 3540C:1996	GC-MS
183	Decamethylcyclopentasiloxane D5	541-02-6	EPA 3540C:1996	GC-MS
184	Dodecamethylcyclohexasiloxane D6	540-97-6	EPA 3540C:1996	GC-MS
185	Lead	7439-92-1	EPA 3050B:1996	ICP-OES
186	Disodium octaborate	12008-41-2	EPA 3050B:1996	ICP-OES
187	Benzo[ghi]perylene	191-24-2	AFPS GS 2019:01 PAK	GC-MS
188	Terphenyl, hydrogenated	61788-32-7	EPA 3540C:1996	GC-MS
189	Ethylenediamine EDA	107-15-3	EPA 3540C:1996	GC-MS
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	552-30-7	EPA 3540C:1996	GC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
191	Dicyclohexyl phthalate DCHP	84-61-7	EPA 3540C:1996	GC-MS
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	150808-204-8	EPA 3540C:1996	GC-MS
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	EPA 3540C:1996	GC-MS
194	Benzo[k]fluoranthene	207-08-9	AFPS GS 2019:01 PAK	GC-MS
195	Fluoranthene	206-44-0; 93951-69-0	AFPS GS 2019:01 PAK	GC-MS
196	Phenanthrene	85-01-8	AFPS GS 2019:01 PAK	GC-MS
197	Pyrene	129-00-0; 1718-52-1	AFPS GS 2019:01 PAK	GC-MS
198	2-methoxyethyl acetate	110-49-6	EPA 3540C:1996	GC-MS
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	--	EPA 3540C:1996	GC-MS
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	EPA 3540C:1996	GC-MS
201	4-tert-butylphenol	98-54-4	EPA 3540C:1996	GC-MS
202	Perfluorobutane sulfonic acid (PFBS) and its salts	--	EPA 3540C:1996	GC-MS
203	Diisohexyl phthalate	71850-09-4	EPA 3540C:1996	GC-MS
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	EPA 3540C:1996	GC-MS
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	EPA 3540C:1996	GC-MS
206	1-vinylimidazole	1072-63-5	EPA 3540C:1996	GC-MS
207	2-methylimidazole	693-98-1	EPA 3540C:1996	GC-MS
208	Butyl 4-hydroxybenzoate	94-26-8	EPA 3540C:1996	GC-MS
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	EPA 3540C:1996	GC-MS
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	EPA 3540C:1996	GC-MS
211	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	--	EPA 3540C:1996	GC-MS
212	1,4-dioxane	123-91-1	EPA 3540C:1996	GC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
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) 2,3-dibromo-1-propanol(2,3-DBPA)	3296-90-0 36483-57-5/1 522-92-5 96-13-9	EPA 3540C:1996	GC-MS
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	EPA 3540C:1996	GC-MS
215	4,4'-(1-menthylpropylidene)bisphenol(bisphenol B)	77-40-7	EPA 3540C:1996	GC-MS
216	Glutaral	111-30-8	EPA 3540C:1996	GC-MS
217	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]	-	EPA 3540C:1996	GC-MS
218	Orthoboric acid,sodium salt	13840-56-7	EPA 3540C:1996	GC-MS
219	Phenol,alkylation products(mainly in para position)with C12-rich branched or linear alkyl chains from oligomerisation,covering any individual isomers and/or combinations thereof(PDDP)	-	EPA 3540C:1996	GC-MS
220	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	EPA 3540C:1996	GC-MS
221	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	EPA 3540C:1996	GC-MS
222	6,6'-di-tert-butyl-2,2'-methylenedip-cresol	119-47-1	EPA 3540C:1996	GC-MS
223	(±)-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)	-	EPA 3540C:1996	GC-MS
224	N-(hydroxymethyl)acrylamide	924-42-5	EPA 3540C:1996	GC-MS
225	1,1'-[ethane-1,2-diylbis(oxy)] bis[2,4,6-tribromobenzene]	37853-59-1	EPA 3540C:1996	GC-MS
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	EPA 3540C:1996	GC-MS/LC-MS
227	4,4'-sulphonyldiphenol	80-09-1	EPA 3540C:1996	GC-MS/LC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
228	Barium diboron tetraoxide	13701-59-2	EPA 3050B:1996	ICP-OES
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	EPA 3540C:1996	GC-MS
230	Isobutyl 4-hydroxybenzoate	4247-02-3	EPA 3540C:1996	GC-MS
231	Melamine	108-78-1	EPA 3540C:1996	GC-MS
232	Perfluoroheptanoic acid and its salts	--	EPA 3540C:1996	GC-MS
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoro propan-2-yl) morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	--	EPA 3540C:1996	GC-MS
234	N-(hydroxymethyl)acrylamide	924-42-5	EPA 3540C:1996	GC-MS
235	1,1'-[ethane-1,2-diylbis(oxy)] bis [2,4,6-tribromobenzene]	37853-59-1	EPA 3540C:1996	GC-MS
236	2,4,6-tri-tert-butylphenol	732-26-3	EPA 3540C:1996	GC-MS
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	EPA 3540C:1996	GC-MS/ LC-MS
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	EPA 3540C:1996	GC-MS
239	Bumetrizole (UV-326)	3896-11-5	EPA 3540C:1996	GC-MS/ LC-MS
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated EC No.: 270-966-8 CAS No.: 68512-30-1	--	EPA 3540C:1996	GC-MS/ LC-MS
241	Bis(α, α'-dimethylbenzyl) peroxide	80-43-3	EPA 3540C:1996	GC-MS/ LC-MS
242	Triphenyl phosphate	115-86-6	EPA 3540C:1996	GC-MS
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	EPA 3540C:1996	GC-MS
244	O,O,O-triphenyl phosphorothioate	597-82-0	EPA 3540C:1996	GC-MS
245	Octamethyltrisiloxane	107-51-7	EPA 3540C:1996	GC-MS
246	Perfluamine	338-83-0	EPA 3540C:1996	GC-MS
247	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	EPA 3540C:1996	GC-MS

No.	Test Item	CAS No.	Test Method	Test Equipment
248	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)	-	EPA 3540C:1996	GC-MS
249	Decamethyltetrasiloxane	141-62-8	EPA 3540C:1996	GC-MS
250	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	EPA 3540C:1996	GC-MS
251	1,1'- (ethane-1,2-dyli) bis(pentabromobenzene) (DBDPE)	84852-53-9	XNO in-house method	GC-MS



Test Results:

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
1	Anthracene	0.005	N.D.	--	PBT
2	4,4'-Diaminodiphenylmethane	0.005	N.D.	--	Carcinogen Category 2
3	Dibutyl phthalate (DBP)	0.005	N.D.	--	Toxic for reproduction Category 2
4	5-tert-butyl-2,4,6-trinitro-m-Xylene(musk xylene)	0.005	N.D.	--	vPvB
5	Bis(2-ethylphthalate) (DEHP)	0.005	N.D.	--	Toxic for reproduction Category 2
6	Hexabromocyclododecane(HB CDD)	0.005	N.D.	--	PBT
7	Alkanes,C10-13,chloro(Short Chain Chlorinated Paraffins)	0.01	N.D.	--	PBT
8	Benzyl butyl phthalate (BBP)	0.005	N.D.	--	Toxic for reproduction Category 2
9	Bis(tributyltin)oxide(TBTO)*	0.005	N.D.	--	PBT
10	Cobalt dichloride**	0.005	N.D.	N.D.	Carcinogen category 2
11	Diarsenic pentaoxide**	0.005	N.D.	N.D.	Carcinogen category 1
12	Diarsenic trioxide**	0.005	N.D.	N.D.	Carcinogen category 1
13	Triethyl arsenate**	0.005	N.D.	N.D.	Carcinogen category 1
14	Lead hydrogen arsenate**	0.005	N.D.	N.D.	Carcinogen category 1; Toxic for reproduction Category 1
15	Sodium dichromate**	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 2; Mutagen Category 2
16	Anthracene oil	0.005	N.D.	--	PBT
17	Anthracene oil, anthracene paste, distn. Lights	0.005	N.D.	--	PBT
18	Anthracene oil, anthracene paste, anthracene fraction	0.005	N.D.	--	PBT
19	Anthracene oil,anthracene-low	0.005	N.D.	--	PBT
20	Anthracene oil, anthracene paste	0.050	N.D.	--	PBT
21	Diisobutyl phthalate	0.005	N.D.	--	Toxic for reproduction Category 2
22	2,4-Dinitrotoluene	0.005	N.D.	--	Carcinogen category 2

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
23	coal tar pitch, high temperature	0.050	N.D.	--	PBT; Carcinogen category 2
24	tris(2-chloroethyl)phosphate	0.005	N.D.	--	Carcinogen category 2; Toxic for reproduction Category 1
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 1
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 1
27	Lead chromate	0.005	N.D.	N.D.	Carcinogen category 1; Toxic for reproduction Category 1
28	Acrylamide	0.005	N.D.	--	Carcinogen category 2; Mutagen category 2
29	Trichloroethylene	0.005	N.D.	--	Carcinogen category 2
30	Boric acid	0.005	N.D.	N.D.	Toxic for reproduction category 2
31	Disodium tetraborate, anhydrous	0.005	N.D.	N.D.	Toxic for reproduction category 2
32	tetraboron disodium heptaoxide hydrate	0.005	N.D.	N.D.	Toxic for reproduction category 2
33	Sodium chromate	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 2; Mutagen Category 2
34	Potassium chromate	0.005	N.D.	N.D.	Carcinogen category 2; Mutagen Category 2
35	Ammonium dichromate	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 2; Mutagen Category 2
36	Potassium dichromate	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 2; Mutagen Category 2
37	Cobalt sulfate	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 2
38	Cobalt dinitrat	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 2
39	Cobalt carbonate	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 2
40	Cobalt diacetate	0.005	N.D.	N.D.	Carcinogen category 2; Toxic for reproduction Category 2
41	2-Methoxyethanol	0.005	N.D.	--	Toxic for reproduction Category 2
42	2-Ethoxyethanol	0.005	N.D.	--	Toxic for reproduction Category 2
43	Chromium trioxide	0.005	N.D.	N.D.	Carcinogen category 2; Mutagen Category 2
44	Chromic acid	0.005	N.D.	N.D.	Carcinogen category 2
	Dichromic acid				

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
	Oligomers of chromic acid and dichromic acid				
45	2-ethoxyethyl acetate	0.005	N.D.	--	Toxic for reproduction Category 2
46	Strontium chromate	0.005	N.D.	N.D.	Carcinogen category 2
47	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters	0.005	N.D.	--	Toxic for reproduction Category 2
48	Hydrazine	0.005	N.D.	--	Carcinogen category 2
49	1-Methyl-2-pyrrolidinone	0.005	N.D.	--	Toxic for reproduction Category 2
50	1,2,3-trichloropropane	0.005	N.D.	--	Carcinogen category 2; Toxic for reproduction Category 2
51	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters, C7-rich	0.005	N.D.	--	Toxic for reproduction Category 2;
52	Zirconia Aluminosilicate Refractory Ceramic Fibres	0.005	N.D.	N.D.	Carcinogen category 2
53	Calcium arsenate	0.005	N.D.	N.D.	Carcinogen category 2
54	Bis(2-methoxyethyl) ether	0.005	N.D.	--	Toxic for reproduction Category 2
55	Aluminosilicate Refractory Ceramic Fibres	0.005	N.D.	N.D.	Carcinogen category 2
56	Potassium hydroxyoctaoxodizincatedichromate	0.005	N.D.	N.D.	Carcinogen category 2
57	Lead dipicrate	0.005	N.D.	N.D.	Toxic for reproduction Category 2
58	N,N-dimethylacetamide	0.005	N.D.	--	Toxic for reproduction Category 2
59	Arsenic acid	0.005	N.D.	N.D.	Carcinogen category 2
60	2-Methoxyaniline; o-Anisidine	0.005	N.D.	--	Carcinogen category 2
61	Trilead diarsenate	0.005	N.D.	--	Carcinogen category 2; Toxic for reproduction Category 2
62	1,2-dichloroethane	0.005	N.D.	--	Carcinogen category 2
63	Pentazinc chromate octahydroxide	0.005	N.D.	N.D.	Carcinogen category 2
64	4-(1,1,3,3-tetramethylbutyl)phenol	0.005	N.D.	--	Carcinogen category 2; Toxic for reproduction Category 2

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
65	Formaldehyde, oligomeric reaction products with aniline	0.005	N.D.	--	Carcinogen category 2
66	Bis(2-methoxyethyl) phthalate	0.005	N.D.	--	Toxic for reproduction Category 2
67	Lead diazide, Lead azide	0.005	N.D.	N.D.	Toxic for reproduction Category 2
68	Lead styphnate	0.005	N.D.	N.D.	Toxic for reproduction Category 2
69	2,2'-dichloro-4,4'-methylenedia niline	0.005	N.D.	--	Carcinogen category 2
70	Phenolphthalein	0.005	N.D.	--	Carcinogen category 2
71	Dichromium tris(chromate)	0.005	N.D.	N.D.	Carcinogen category 2
72	1,2-bis(2-methoxyethoxy) Ethane (TEGDME; triglyme)	0.005	N.D.	--	Toxic for reproduction Category 2
73	1,2-dimethoxyethane; ethyleneglycol dimethyl ether (EGDME)	0.005	N.D.	--	Toxic for reproduction Category 2
74	Diboron trioxide	0.005	N.D.	N.D.	Toxic for reproduction Category 2
75	Formamide	0.005	N.D.	--	Toxic for reproduction Category 2
76	Lead(II)bis(methanesulfonate)	0.005	N.D.	N.D.	Toxic for reproduction Category 2
77	TGIC(1,3,5-tris(oxiranylmethyl-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	0.005	N.D.	--	Mutagenic category 2
78	β -TGIC(1,3,5-tris[(2S and2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	0.005	N.D.	--	Mutagenic category 2
79	4,4'-bis(dimethylamino) Benzophenone(Michler's ketone)	0.005	N.D.	--	Carcinogen category 2
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	0.005	N.D.	--	Carcinogen category 2
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	0.005	N.D.	--	Carcinogen category 2
82	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue	0.005	N.D.	--	Carcinogen category 2

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
	26)				
83	α,α -Bis[4-(dimethylamino) phenyl]-4 (phenylamino) naphthalene-1-methanol(C.I. Solvent Blue 4)	0.005	N.D.	--	Carcinogen category 2
84	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol	0.005	N.D.	--	Carcinogen category 2
85	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.005	N.D.	--	Toxic for reproduction Category 2
86	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	0.005	N.D.	--	Carcinogen category 2
87	N-methylacetamide	0.005	N.D.	--	Toxic for reproduction Category 2
88	Pentalead tetraoxide sulphate	0.005	N.D.	N.D.	Toxic for reproduction Category 2
89	Biphenyl-4-ylamine	0.005	N.D.	--	Carcinogen category 2
90	Dinoseb	0.005	N.D.	--	Toxic for reproduction Category 2
91	Dioxobis(stearato)trilead	0.005	N.D.	N.D.	Toxic for reproduction Category 2
92	Lead dinitrate	0.005	N.D.	N.D.	Toxic for reproduction Category 2
93	Tetralead trioxide sulphate	0.005	N.D.	N.D.	Toxic for reproduction Category 2
94	Lead oxide (lead monoxide)	0.005	N.D.	N.D.	Toxic for reproduction Category 2
95	Lead titanium trioxide	0.005	N.D.	N.D.	Toxic for reproduction Category 2
96	4,4'-methylenedi-o-toluidine	0.005	N.D.	--	Carcinogen category 2
97	Acetic acid, lead salt, basic	0.005	N.D.	N.D.	Toxic for reproduction Category 2
98	Dimethyl sulphate	0.005	N.D.	--	Carcinogen category 2
99	Furan	0.005	N.D.	--	Carcinogen category 2
100	Pyrochlore, antimony lead yellow	0.005	N.D.	--	Toxic for reproduction Category 2

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
101	Tetraethyllead	0.005	N.D.	N.D.	Toxic for reproduction Category 2
102	[Phthalato(2-)]dioxotrilead	0.005	N.D.	N.D.	Toxic for reproduction Category 2
103	Diethyl sulphate	0.005	N.D.	--	Carcinogen category 2
104	Lead cyanamidate	0.005	N.D.	N.D.	Toxic for reproduction Category 2
105	Silicic acid, barium salt, lead-doped	0.005	N.D.	N.D.	Toxic for reproduction Category 2
106	Trilead dioxide phosphonate	0.005	N.D.	N.D.	Toxic for reproduction Category 2
107	o-Toluidine; 2-Aminotoluene	0.005	N.D.	--	Carcinogen category 2
108	o-aminoazotoluene	0.005	N.D.	--	Carcinogen category 2
109	4-Aminoazobenzene; 4-Phenylazoaniline	0.005	N.D.	--	Carcinogen category 2
110	6-methoxy-m-toluidine (p-cresidine)	0.005	N.D.	--	Carcinogen category 2
111	Dibutyltin dichloride (DBT)	0.005	N.D.	--	Toxic for reproduction Category 2
112	Lead Titanium Zirconium Oxide	0.005	N.D.	N.D.	Toxic for reproduction Category 2
113	Propylene oxide; 1,2-epoxypropane; methyloxirane	0.005	N.D.	--	Carcinogen category 2
114	1-bromopropane	0.005	N.D.	--	Toxic for reproduction Category 2
115	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	0.005	N.D.	N.D.	Toxic for reproduction Category 2
116	Fatty acids, C16-18, lead salts	0.005	N.D.	N.D.	Toxic for reproduction Category 2
117	Lead tetroxide (orange lead)	0.005	N.D.	N.D.	Toxic for reproduction Category 2
118	Sulfurous acid, lead salt, dibasic	0.005	N.D.	N.D.	Toxic for reproduction Category 2
119	4,4'-oxydianiline and its salts	0.005	N.D.	--	Carcinogen category 2
120	lead oxide sulphate	0.005	N.D.	N.D.	Toxic for reproduction Category 2

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
121	Lead bis(tetrafluoroborate)	0.005	N.D.	N.D.	Toxic for reproduction Category 2
122	Silicic acid, lead salt	0.005	N.D.	N.D.	Toxic for reproduction Category 2
123	Bis(pentabromophenyl) ether (DecaBDE)	0.005	N.D.	--	PBT
124	4-Nonylphenol, branched and linear -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	0.005	N.D.	--	Equivalent level of concern - probable serious effects on the environment
125	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	0.005	N.D.	--	Equivalent level of concern - probable serious effects on the environment
126	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	0.005	N.D.	--	Equivalent level of concern - probable serious effects on the environment
127	1,2-Diethoxyethane	0.005	N.D.	--	Toxic for reproduction Category 2
128	Hexahydromethylphthalic anhydrideHexahydro-4-methylphthalic anhydrideHexahydro-1-methylphthalic anhydrideHexahydro-3-methylphthalic anhydride	0.005	N.D.	--	Equivalent level of concern - probable serious effects on the environment
129	Cyclohexane-1,2-dicarboxylic anhydride(Hexahydrophthalic anhydride - HHPA)	0.005	N.D.	--	Equivalent level of concern - probable serious effects on the environment
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	0.005	N.D.	--	Toxic for reproduction Category 2
131	N-pentyl-isopentylphthalate	0.005	N.D.	--	Toxic for reproduction Category 2
132	Heptacosafuoro tetradeconoic acid	0.005	N.D.	--	vPvB
133	Pentacosafuorotridecanoic acid	0.005	N.D.	--	vPvB
134	Henicosafuoroundecanoic acid	0.005	N.D.	--	vPvB

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
135	Tricosafuorododecanoic acid	0.005	N.D.	--	vPvB
136	Methoxy acetic acid	0.005	N.D.	--	Toxic for reproduction Category 2
137	Diisopentylphthalate	0.005	N.D.	--	Toxic for reproduction Category 2
138	N,N-dimethylformamide; dimethyl formamide	0.005	N.D.	--	Toxic for reproduction Category 2
139	Cadmium	0.001	N.D.	N.D.	Carcinogen category 2
140	Cadmium oxide	0.001	N.D.	N.D.	Carcinogen category 2
141	Dipentyl phthalate (DPP)	0.005	N.D.	--	Toxic for reproduction Category 2
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	0.005	N.D.	--	Equivalent level of concern - probable serious effects on the environment
143	Ammonium pentadecafluorooctanoate (APFO)	0.005	N.D.	--	Toxic for reproduction Category 2
144	Pentadecafluorooctanoic acid (PFOA)	0.005	N.D.	--	Toxic for reproduction Category 2
145	Cadmium Sulfide	0.001	N.D.	N.D.	Carcinogenic
146	Di-N-Hexyl Phthalate	0.005	N.D.	--	Carcinogenic
147	Direct Red 28	0.005	N.D.	--	Carcinogenic
148	Direct Black 38	0.005	N.D.	--	Toxic for reproduction
149	Ethlenethiourea	0.005	N.D.	--	Toxic for reproduction
150	Acetic Acid	0.001	N.D.	N.D.	Toxic for reproduction
151	Trixylyl Phosphate	0.005	N.D.	--	Toxic for reproduction

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	0.005	N.D.	--	Toxic for reproduction
153	Cadmium chloride	0.005	N.D.	N.D.	Toxic for reproduction
154	Sodium perborate; perboric acid, sodium salt	0.005	N.D.	N.D.	Toxic for reproduction
155	Sodium peroxometaborate	0.005	N.D.	N.D.	Toxic for reproduction
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	0.005	N.D.	--	PBT, vPvB
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	0.005	N.D.	--	Toxic for reproduction
158	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)	0.005	N.D.	--	Toxic for reproduction
159	2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV-328)	0.005	N.D.	--	PBT, vPvB
160	Cadmium fluoride	0.005	N.D.	N.D.	Carcinogenic, Mutagenic
161	Cadmium sulphate	0.005	N.D.	N.D.	Carcinogenic, Mutagenic
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	0.005	N.D.	N.D.	Toxic for reproduction
163	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]	0.005	N.D.	N.D.	vPvB
164	1,3-propanesultone	0.005	N.D.	--	Carcinogenic, Mutagenic
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	0.005	N.D.	--	vPvB
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	0.005	N.D.	--	vPvB

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
167	Nitrobenzene	0.005	N.D.	--	Toxic for reproduction
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoic acid and its sodium and ammonium salts	0.005	N.D.	--	Toxic for reproduction
169	Benzo[a]pyrene	0.005	N.D.	--	vPvB
170	4,4'-isopropylidenediphenol (bisphenol A)	0.005	N.D.	--	Toxic for reproduction
171	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]	0.005	N.D.	--	Equivalent level of concern having probable serious effects to the environment
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	0.005	N.D.	--	Toxic for reproduction ; PBT
173	p-(1,1-dimethylpropyl)phenol	0.005	N.D.	--	Equivalent level of concern having probable serious effects to the environment
174	Perfluorohexane-1-sulphonic acid and its salts	0.005	N.D.	--	vPvB
175	Benz[a]anthracene	0.005	N.D.	--	PBT, vPvB
176	Cadmium carbonate	0.005	N.D.	N.D.	Carcinogenic, Mutagenic
177	Cadmium hydroxide	0.005	N.D.	N.D.	Carcinogenic, Mutagenic
178	Cadmium nitrate	0.005	N.D.	N.D.	Carcinogenic, Mutagenic
179	Chrysene	0.005	N.D.	--	PBT, vPvB
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) covering any of its individual anti- and syn-isomers or any combination thereof	0.005	N.D.	--	vPvB

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
181	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)	0.005	N.D.	N.D.	Endocrine disrupting properties
182	Octamethylcyclotetrasiloxane D4	0.005	N.D.	--	PBT, vPvB
183	Decamethylcyclopentasiloxane D5	0.005	N.D.	--	PBT, vPvB
184	Dodecamethylcyclohexasiloxane D6	0.005	N.D.	--	PBT, vPvB
185	Lead	0.005	N.D.	N.D.	Toxic for reproduction
186	Disodium octaborate	0.005	N.D.	N.D.	Toxic for reproduction
187	Benzo[ghi]perylene	0.005	N.D.	--	PBT, vPvB
188	Terphenyl, hydrogenated	0.005	N.D.	--	vPvB
189	Ethylenediamine EDA	0.005	N.D.	--	Respiratory sensitising properties
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	0.005	N.D.	--	Respiratory sensitising properties
191	Dicyclohexyl phthalate DCHP	0.005	N.D.	--	Toxic for reproduction, Endocrine disrupting properties
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	0.005	N.D.	--	Endocrine disrupting properties (Article 57(f) - environment)
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	0.005	N.D.	--	Toxic for reproduction (Article 57c)
194	Benzo[k]fluoranthene	0.005	N.D.	--	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)
195	Fluoranthene	0.005	N.D.	--	PBT (Article 57d)#vPvB (Article 57e)
196	Phenanthrene	0.005	N.D.	--	vPvB (Article 57e)
197	Pyrene	0.005	N.D.	--	PBT (Article 57d)#vPvB (Article 57e)
198	2-methoxyethyl acetate	0.005	N.D.	--	Toxic for reproduction (Article 57c)

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	0.005	N.D.	--	Endocrine disrupting properties (Article 57(f) - environment)
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	0.005	N.D.	--	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f)-environment)
201	4-tert-butylphenol	0.005	N.D.	--	Endocrine disrupting properties (Article 57(f) - environment)
202	Perfluorobutane sulfonic acid (PFBS) and its salts	0.05	N.D.	--	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f)-environment)
203	Diisohexyl phthalate	0.005	N.D.	--	Toxic for reproduction (Article 57(c))
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	0.005	N.D.	--	Toxic for reproduction (Article 57(c))
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	0.005	N.D.	--	Toxic for reproduction (Article 57(c))
206	1-vinylimidazole	0.005	N.D.	--	Toxic for reproduction (Article 57(c))
207	2-methylimidazole	0.005	N.D.	--	Toxic for reproduction (Article 57(c))
208	Butyl 4-hydroxybenzoate	0.005	N.D.	--	Endocrine disrupting properties (Article 57(f) - human health)
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	0.005	N.D.	--	Toxic for reproduction (Article 57(c))
210	Bis(2-(2-methoxyethoxy)ethyl)ether	0.005	N.D.	N.D.	Toxic for reproduction (Article 57(c))

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
211	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	0.005	N.D.	N.D.	Toxic for reproduction (Article 57c)
212	1,4-Dioxane (dioxane)	0.005	N.D.	N.D.	Equivalent level of concern - probable serious effects on the environment
213	2,2-bis(bromomethyl)-1,3-propanediol (BMP) Tribromoneopentanol (TBNPA) 2,3-Dibromo-1-propanol (2,3-DBPA)	0.005	N.D.	N.D.	vPvB
214	2-(4-tert-butylbenzyl) propanal and its stereoisomers	0.005	N.D.	N.D.	Toxic for reproduction
215	4,4'-(1-methylpropylene) bisphenol; (bisphenol B)	0.005	N.D.	N.D.	Endocrine disrupting properties
216	Glutaraldehyde	0.005	N.D.	N.D.	Respiratory sensitising properties
217	Medium chain chlorinated paraffin (MCCP) [UVCB substance, composed of ≥80% linear chlorinated alkanes, carbon chain length between C14 and C17]	0.005	N.D.	N.D.	vPvB, Toxic for reproduction
218	Sodium borate	0.005	N.D.	N.D.	Toxic for reproduction
219	Carbon chain (mainly C12, straight chain or branched chain) mainly in the para position of alkylphenol substances and any single isomer or combination (PDDP)	0.005	N.D.	N.D.	Endocrine disrupting properties Toxic for reproduction
220	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol	0.005	N.D.	N.D.	Toxic for reproduction
221	tris(2-methoxyethoxy)vinylsilane	0.005	N.D.	N.D.	Toxic for reproduction
222	(±)-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)	0.005	N.D.	N.D.	Endocrine disrupting properties
223	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	0.005	N.D.	N.D.	PBT
224	N-hydroxymethylalanamide	0.005	N.D.	--	vPvB
225	N-hydroxymethylacrylamide and resorcinol	0.005	N.D.	--	Toxic for reproduction

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
226	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	0.005	N.D.	--	vPvB (Article 57e)
227	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	0.005	N.D.	--	Carcinogenic (Article 57a)
228	4,4'-sulphonyldiphenol	0.005	N.D.	--	Toxic for reproduction (Article 57c)Endocrine disrupting properties (Article 57(f) - environment)Endocrine disrupting properties (Article 57(f) - human health)
229	Barium diboron tetraoxide	0.005	N.D.	--	Toxic for reproduction (Article 57c)
230	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	0.005	N.D.	--	vPvB (Article 57e)
231	Isobutyl 4-hydroxybenzoate	0.005	N.D.	--	Endocrine disrupting properties (Article 57(f) - human health)
232	Melamine	0.005	N.D.	--	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)
233	Perfluoroheptanoic acid and its salts	0.005	N.D.	--	Toxic for reproduction (Article 57c)Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
234	4,4' -dichlorodiphenylsulfone	0.005	N.D.	--	For the synthesis of engineering plastics, dyes and polymers, such as, polysulfone, polyether sulfone, polyether ether ketone, etc
235	Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	0.005	N.D.	--	UV curing coating and ink, mostly used in white system, can be used for UV curing coating, printing ink, UV curing adhesive, optical fiber coating, etc.; because the absorption peak of KLTPPO is longer than the conventional initiator, the effective absorption peak is 350-400nm, can be absorbed to about 420nm, can be used as a high efficiency light initiator of styrene unsaturated polyester and acrylic resin. Suitable for UV curing coating, printing ink, UV curing adhesive, optical fiber coating, photoresist, photopolymer printing plate, stereoscopic flat plate resin, composite material, tooth filling

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
					material, etc. After illumination, benzoyl and phosphoryl radicals can be generated, which can trigger polymerization and accelerate the speed of photobleaching, which can meet the requirements of deep curing of thick film and constant yellow coating. Because of low volatilization, no residue, especially suitable for requiring low odor products and transparent coating
236	2,4,6-tri-tert-butylpheno	0.005	N.D.	--	Production of another substance; mixture configuration and for fuel products
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	0.005	N.D.	--	Air care products, paint products, adhesives and sealants, lubricants and greases, polish and waxes, and washing and cleaning products
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	0.005	N.D.	--	Ink and toner, paint products
239	Bumetrizole	0.005	N.D.	--	Coating products, adhesives and sealants, and washing and cleaning products
240	Oligomerisation and alkylation reaction products of 2-phenylpropene andphenol	0.005	N.D.	--	Adhesive and sealants, paint products, fillers, putty, plaster, molding clay, ink, toner, and polymers.
241	Bis(a,a-dimethylbenzyl) peroxide	0.005	N.D.	--	Toxic forreproduction(Article 57c)
242	Triphenyl phosphate	0.005	N.D.	--	Endocrine disrupting properties (Article 57(f)-environment)
243	Octamethyl trisiloxane	0.005	N.D.	--	PBT (clause 57d)
244	O,O,O-triphenyl phosphorothioate	0.005	N.D.	--	PBT (clause 57d)
245	perfluamine	0.005	N.D.	--	PBT (clause 57d)
246	Tris(4-nonylphenyl,branched and linear)phosphite	0.005	N.D.	--	PBT (clause 57d)
247	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl] hexanoic acid	0.005	N.D.	--	Article 57a
248	1,1,1,3,5,5,5-Heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	0.1	N.D.	--	vPvB (Article 57e)
249	Decamethyltetrasiloxane	0.1	N.D.	--	vPvB (Article 57e)
250	Tetrakis(sodium/potassium) 7-[(E)-{2-acetyl-amino-4-[(E)-(4-{[4-chloro-6-{2-[(4-fluoro-6-{[4-	0.1	N.D.	--	Toxic for reproduction (Article 57c)

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
	(vinylsulfonyl)phenyl]amino}-1,3,5-triazin-2-yl)amino]propyl]amino)-1,3,5-triazin-2-yl]amino}-5-sulfonyl-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalenetrisulfonate; Reactive Brown 51				
251	1,1'- (ethane-1,2-dyli) bis(pentabromobenzene) (DBDPE)	0.1	N.D.	--	Extremely persistent and highly bioaccumulative, vPvB (Article 57e)

NOTE:

- 1.A= Nonmetal;
- 2.“*”=Calculated concentration of bis(tributyltin)oxide TBTO is based on the identified tributyltin, TBT results.
The result is screening testing of TBTO and other salts under current technology.
- 3.“**”= Calculated concentration of cobalt dichloride is based on the identified heavy metal and anion result. Calculated concentration of diarrheic pent oxide, diarrheic trioxide, sodium dichromate, dehydrate, Lead hydrogen arsenates and tritely arsenate are based on the identified heavy metal result.
- 4.Definition of classification of this report in accordance 67/548/EEC and Regulation (EC) No.1907/2006
- 5.N.D. = Not Detected (<MDL)
- 6.MDL = Method Detection Limit
- 7.-- = No Testing

REMARKS:

1. In accordance Regulation (EC) No. 1907/2006, any producer or importer of articles shall notify ECHA, In accordance paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance Article 59 (1) of the Regulation, namely (a) the substance is present in those article in quantities totaling over one ton per producer per year; and (b) the substance is present in those articles higher than 0.1% weight by weight (w/w).
Article 33 of Regulation (EC) No.1907/2006 requires supplier of an article containing a substance meets the criteria in Article 57 and identified in accordance Article 59(1) in a concentration higher than 0.1% weight by weight (w/w) shall provide the recipient of the article sufficient information, available to the supplier, to allow safe use the article including, as a minimum, the name of that.

Sample photo





*****END OF REPORT*****