



Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 1 of 41

Applicant : Shandong Qiyuan Nano Technology Co., LTD.
Address : No.5 Kunshan Road, Jiaoli Industrial Park, Wulian County, Rizhao City, Shandong Province; west of Zhejiang
Manufacturer : Shandong Qiyuan Nano Technology Co., LTD.
Address : No.5 Kunshan Road, Jiaoli Industrial Park, Wulian County, Rizhao City, Shandong Province; west of Zhejiang

The following sample(s) was /were submitted and identified on behalf of the clients as :

Sample Name : nanocarbon heating system
Trademark : Cringyal
Sample Model : Soft Series
Sample Received Date : Jul. 21, 2025
Testing Period : Jul. 21, 2025 To Jul. 28, 2025
Test Requested : As requested by client, SVHC screening is performed according to:
Test the content of 250 Substances of High Concern (SVHC) published by the European Chemicals Agency (ECHA on 25 Jun 2025) in accordance with EU REACH Regulation (EC) No.1907 / 2006. The concentration of the substance of high concern (of 250 SVHC) was less than 0.1% (w / w) for the specified range and analytical technique.
Test Method : Please refer to next page(s).
Test Result : Please refer to next page(s).

Signed for and on behalf of

Tom Wang

Tom Wang/ Approved Signatory

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 2 of 41

Test method and Test equipment:

No.	Test Item	CAS No.	Test Method	Test Equipment
1	Anthracene	120-12-7	AFPS GS 2014:01 PAK	GC-MS
2	4,4'-Diaminodiphenylmethane	101-77-9	EN 14362-1:2012	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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 3 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
16	Anthracene oil	90640-80-5	AFPS GS 2014:01 PAK	GC-MS
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	AFPS GS 2014:01 PAK	GC-MS
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	AFPS GS 2014:01 PAK	GC-MS
19	Anthracene oil, anthracene-low	90640-82-7	AFPS GS 2014:01 PAK	GC-MS
20	Anthracene oil, anthracene paste	90640-81-6	AFPS GS 2014:01 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 2014:01 PAK	GC-MS
24	tris(2-chloroethyl)phosphate	115-96-8	EPA 3540C:1996	GC-MS
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 4 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
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 chromic acid 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

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Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 5 of 41

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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, hydroxyoctaoxodizincatedi-, 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

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Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 6 of 41

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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-t riazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	EPA 3540C:1996	GC-MS
78	β -TGIC(1,3,5-tris [(2S and 2R)-2,3-epoxypropyl]-1,3,5-tria zine-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'-methylenedi aniline (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

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Page 7 of 41

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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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 8 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
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
104	Lead cyanamate	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

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Page 9 of 41

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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	Diazeno-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
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

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Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 10 of 41

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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

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Date: Jul. 28, 2025

Page 11 of 41

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149	Ethlenethiourea	96-45-7	EPA 3540C:1996	GC-MS
150	Acetic Acid	301-04-2	EPA 3050B:1996	ICP-OES
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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 12 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
164	1,3-propanesultone	1120-71-4	EPA 3540C:1996	GC-MS
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-1-2-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-hepta-decafluorononanoic 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 2014:01	GC-MS
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	EPA 3540C:1996	GC-MS
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 2014:01	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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 13 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
179	Chrysene	218-01-9, 1719-03-5	EPA 3540C:1996	GC-MS
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	--	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	556-67-2	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 2014:01 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
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	15087-24-8	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 2014:01 PAK	GC-MS

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 14 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
195	Fluoranthene	206-44-0; 93951-69-0	AFPS GS 2014:01 PAK	GC-MS
196	Phenanthrene	85-01-8	AFPS GS 2014:01 PAK	GC-MS
197	Pyrene	129-00-0; 1718-52-1	AFPS GS 2014:01 PAK	GC-MS
198	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
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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 15 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
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 (dioxane)	123-91-1	EPA3540C:1996	GC-MS
213	2,2-bis(bromomethyl)-1,3-propanediol (BMP) Tribromoneopentanol (TBNPA) 2,3-Dibromo-1-propanol (2,3-DBPA)	3296-90-0 (BMP); 36483-57-5/1522-92-5 (TBNPA); 96-13-9 (2,3-DBPA)	EPA3540C:1996	GC-MS
214	2-(4-tert-butylbenzyl) propanal and its stereoisomers	--	EPA3540C:1996	GC-MS
215	4,4'-(1-methylpropylene) bisphenol; (bisphenol B)	77-40-7	EPA3540C:1996	GC-MS
216	Glutaraldehyde	111-30-8	EPA3540C:1996	GC-MS
217	Medium chain chlorinated paraffin (MCCP) [UVCB substance, composed of ≥80% linear chlorinated alkanes, carbon chain length between C14 and C17]	--	EPA3540C:1996	GC-MS
218	Sodium borate	13840-56-7	EPA3540C:1996	GC-MS

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 16 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
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)	-	EPA3540C:1996	GC-MS
220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(DBMC)	119-47-1	EPA 3540C:1996	GC-MS
221	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	EPA 3540C:1996	GC-MS
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 hereof (4-MBC)	-(-)	EPA 3540C:1996	GC-MS
223	s-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	EPA 3540C:1996	GC-MS
224	N-hydroxymethylacrylamide	924-42-5	EPA 3540C:1996	GC-MS
225	[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37583-59-1	EPA 3540C:1996	GC-MS
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	EPA 3540C:1996	GC-MS
227	4,4'-sulphonyldiphenol	1980/9/1	EPA 3540C:1996	GC-MS
228	Barium diboron tetraoxide	13701-59-2	EPA 3540C:1996	GC-MS

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 17 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
229	Bis(2-ethylhexyl)tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	EPA 3540C:1996	GC-MS
230	Isobutyl 4-hydroxybenzoate	4247/2/3	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-heptafluoropropan-2-yl)morpholine and (heptafluoropropyl)morpholine	--	EPA 3540C:1996	GC-MS
234	Diphenyl(2, 4, 6-trimethylbenzoyl) phosphine oxide	75980-60-8	EPA 3540C:1996	GC-MS
235	4, 4' -bis(4-chlorophenyl) sulphone	80-07-9	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
238	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	221-537-5	EPA 3540C:1996	GC-MS
239	Bumetizole(UV-326)	3896-11-5	EPA 3540C:1996	GC-MS
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	EPA 3540C:1996	GC-MS

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 18 of 41

No.	Test Item	CAS No.	Test Method	Test Equipment
241	Bis(a, a-dimethylbenzyl) peroxide	80-43-3	EPA 3540C:1996	GC-MS
242	Triphenyl phosphate	115-86-6	EPA 3540C:1996	GC-MS
243	Octamethyltrisiloxane	107-51-7	EPA 3540C:1996	GC-MS
244	O,O,O-triphenyl phosphorothioate	597-82-0	EPA 3540C:1996	GC-MS
245	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	EPA 3540C:1996	GC-MS
246	Perfluamine	338-83-0	EPA 3540C:1996	GC-MS
247	6-[(C10-C13)-alkyl- (branched, unsaturated)-2, 5- dioxopyrrolidin-1-yl] hexanoic acid	2156592-54-8	EPA 3540C:1996	GC-MS
248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsil yl)oxy]trisiloxane	17928-28-8	EPA 3540C:1996	GC-MS
249	Decamethyltetrasiloxane	141-62-8	EPA 3540C:1996	GC-MS
250	Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro -6-{2-[(4-fluoro-6-{[4-(vinylsulfonyl)ph enyl]amino}-1,3,5-triazine-2-yl]amino]pr opyl]amino)-1,3,5-triazine-2-yl]amino}-5 -sulfonato-1-naphthyl)diazetyl]-5-metho xyphenyl]diazetyl]-1,3,6-naphthalenetris ulfonate; Reactive Brown 51	--	EPA 3540C:1996	GC-MS

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 19 of 41

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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 20 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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
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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 21 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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				
	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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 22 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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
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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 23 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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'-methylenedianiline	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 and 2R)-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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 24 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
82	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl] methylene]cyclohex a-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	0.005	N.D.	--	Carcinogen category 2
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-methylb utyl)-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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 25 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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
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 cyanamate	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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 26 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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
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	Diazeno-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 anhydride Hexahydro-4-methylphthalic	0.005	N.D.	--	Equivalent level of concern - probable serious effects on the environment

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 27 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
	anhydride Hexahydro-1-methylphthalic anhydride Hexahydro-3-methylphthalic anhydride				
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	Heptacosafuorotetradecanoic acid	0.005	N.D.	--	vPvB
133	Pentacosafuorotridecanoic acid	0.005	N.D.	--	vPvB
134	Henicosafuoroundecanoic acid	0.005	N.D.	--	vPvB
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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 28 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and	0.005	N.D.	--	Toxic for reproduction

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 29 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
	linear				
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-diethyl-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-diethyl-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-stannate tradecanoate (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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 30 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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
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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 31 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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" TM) covering any of its individual anti- and syn-isomers or any combination thereof	0.005	N.D.	--	vPvB
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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 32 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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)
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	0.005	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))

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 33 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
					- environment)
203	Diisohexyl phthalate	0.005	N.D.	--	Toxic for reproduction (Article 57c)
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	0.005	N.D.	--	Toxic for reproduction (Article 57c)
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	0.005	N.D.	--	Toxic for reproduction (Article 57c)
206	1-vinylimidazole	0.005	N.D.	--	Toxic for reproduction (Article 57c)
207	2-methylimidazole	0.005	N.D.	--	Toxic for reproduction (Article 57c)
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 57c)
210	Bis(2-(2-methoxyethoxy)ethyl)ether	0.005	--	N.D.	Toxic for reproduction (Article 57c)
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of	0.005	--	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

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 34 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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 $\geq 80\%$ 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'-methyl enedi-p-cresol(DBMC)	0.005	N.D.	--	Toxic for reproduction (Article 57c)
221	Tris(2-methoxyethoxy)vinylsilane	0.005	N.D.	--	PBT (Article 57d)
222	($\pm$)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations hereof (4-MBC)	0.005	N.D.	N.D.	Toxic for reproduction (Article 57c)
223	s-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	0.005	N.D.	N.D.	Endocrine disrupting properties (Article 57(f) - human health)

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 35 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
224	N-hydroxymethylacrylamide	924-42-5	N.D.	N.D.	Carcinogenicity(article 57A) Mutagenicity (article 57B)
225	[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	0.005	N.D.	N.D.	Strong persistence, strong bioaccumulation(article 57e)
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	0.005	N.D.	N.D.	Carcinogenicity(article 57A)
227	4,4'-sulphonyldiphenol	0.005	N.D.	N.D.	Toxic for reproduction (Article 57c); Endocrine disrupting properties (Article 57(f) - human health)
228	Barium diboron tetraoxide	0.005	N.D.	N.D.	Toxic for reproduction (Article 57c)
229	Bis(2-ethylhexyl)tetrabromophthalate covering any of the individual isomers and/or combinations thereof	0.005	N.D.	N.D.	Strong persistence, strong bioaccumulation(article 57e)
230	Isobutyl 4-hydroxybenzoate	0.005	N.D.	N.D.	Endocrine disrupting properties (Article 57(f) - human health)
231	Melamine	0.005	N.D.	N.D.	Equal levels of concern that could have serious effects on human health (Article 57(f) - Environment and Human health)

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 36 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
232	Perfluoroheptanoic acid and its salts	0.005	N.D.	N.D.	Toxic for reproduction (Article 57c);PBT (Article 57d); Strong persistence, strong bioaccumulation(article 57e); Equal levels of concern that could have serious effects on human health (Article 57(f) - Environment and Human health)
233	Reaction mess of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoroprop an-2-yl)morpholine and (heptafluoropropyl) morpholine	0.005	N.D.	N.D.	Strong persistence, strong bioaccumulation(article 57e)
234	Diphenyl(2, 4, 6-trimethylbenzoyl) phosphine oxide	0.005	N.D.	--	Used for synthesizing engineering plastics, dyes, and polymers, such as

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 37 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
					polysulfones, polyethersulfones, polyetheretherketones, etc
235	4, 4' -bis(4-chlorophenyl) sulphone	0.005	N.D.	N.D.	Reproductive toxicity (Article 57 (c)) Common uses: Used for inks and colorants, coating products, photochemicals, polymers, adhesives and sealants, fillers, gypsum molding clay, etc
236	2, 4, 6-tri-tert-butylphenol	0.005	N.D.	N.D.	Reproductive toxicity (Article 57C) PBT (Article 57d) VPvB (Article 57e)
237	2-(2H-benzotriazol-2-yl) -4 (1, 1, 3, 3-tetramethylbutyl) phenol(UV-329)	0.005	N.D.	N.D.	VPvB (Article 57e)
238	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	0.005	N.D.	N.D.	Reproductive toxicity (Article 57C)
239	Bumetrizole(UV-326)	0.005	N.D.	N.D.	VPvB (Article 57e)

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 38 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	0.005	N.D.	N.D.	VPvB (Article 57e)
241	Bis(a, a-dimethylbenzyl) peroxide	0.005	N.D.	N.D.	Toxic for reproduction (Article 57c)
242	Triphenyl phosphate	0.005	N.D.	N.D.	Endocrine disruption characteristics (environment)
243	Octamethyltrisiloxane	0.005	N.D.	N.D.	VPvB(Article 57c)
244	O,O,O-triphenyl phosphorothioate	0.005	N.D.	N.D.	PBT (Article 57d)
245	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	0.005	N.D.	N.D.	PBT (Article 57d)
246	Perfluamine	0.005	N.D.	N.D.	vPvB (Article 57e)
247	6-[(C10-C13)-alkyl-(branched, unsaturated)-2, 5-dioxopyrrolidin-1-yl] hexanoic acid	0.005	N.D.	N.D.	Toxic for reproduction (Article 57c)
248	1,1,1,3,5,5,5-heptamethyl-3-[(tri methylsilyl)oxy]trisiloxane	0.005	N.D.	N.D.	vPvB (Article 57e)
249	Decamethyltetrasiloxane	0.005	N.D.	N.D.	vPvB (Article 57e)

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 39 of 41

No.	Test Item	MDL (%)	Result (%)		Classification
			A	B	
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)a mino)-1,3,5-triazine-2-yl]amino} -5-sulfonato-1-naphthyl)diazanyl]-5-methoxyphenyl} diazenyl]-1, 3,6-naphthalenetrisulfonate; Reactive Brown 51	0.005	N.D.	N.D.	Toxic for reproduction (Article 57c)

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Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 40 of 41

Note:

1. A= Nonmetal; B=Metal;
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).
2. 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.

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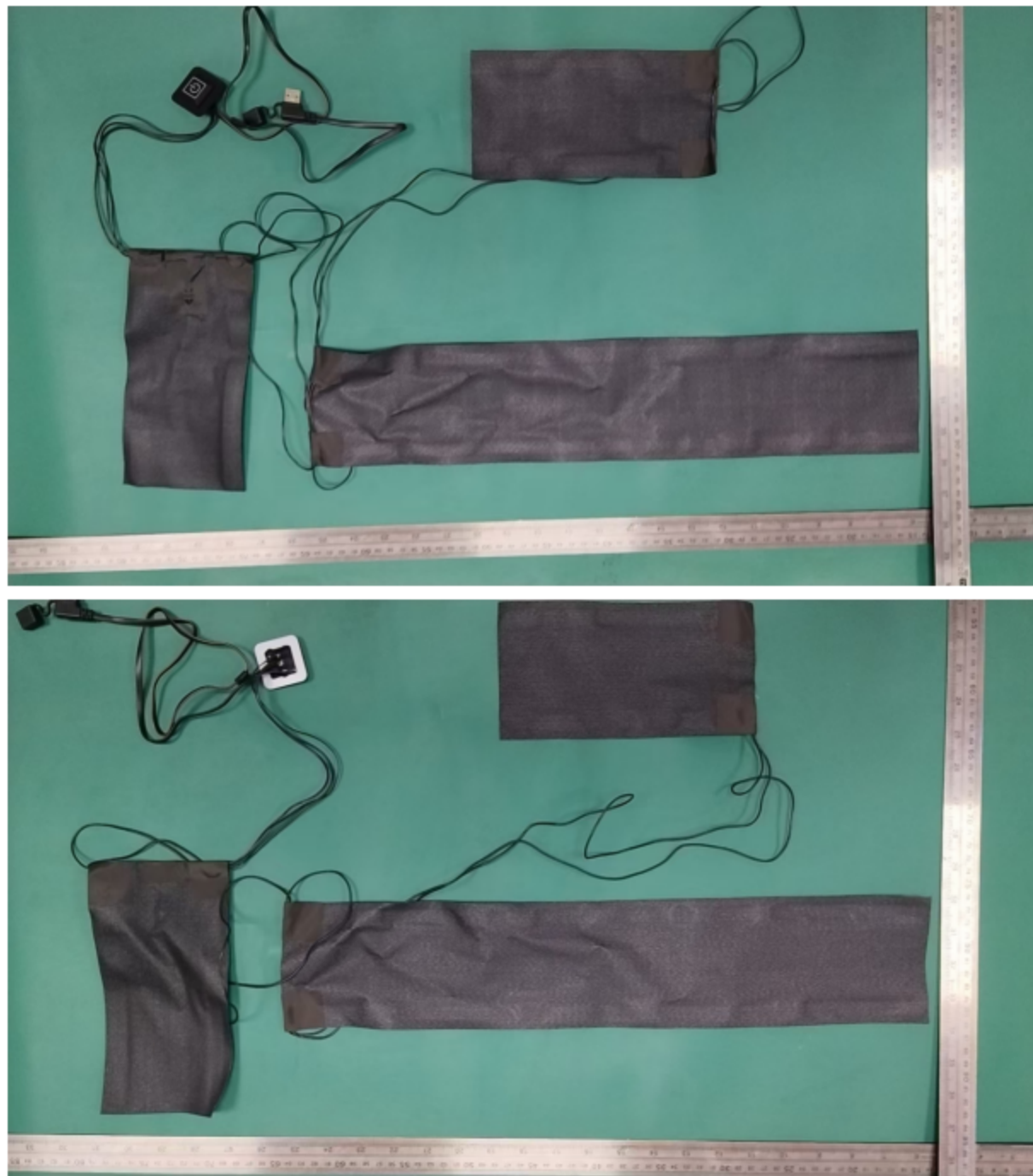
Test Report

Report No: XDX30256873072801FHR

Date: Jul. 28, 2025

Page 41 of 41

Sample Photo:



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