

# CPST

## Test Report

No. C211014044002-1

Date: Oct 22, 2021

Page 1 of 20

Applicant: Sharkoon Technologies GmbH

Applicant Address: Grüninger Weg 48, 35415 Pohlheim, Germany

The following samples were submitted and identified on behalf of the clients as

Sample Name: DC cooling fan  
Model: SHARK Blades RGB PWM、 SilentStorm 120 RGB PWM、  
SilentStorm 140 RGB PWM、 SHARK Disc RGB PWM、 TC1220P、 TC8015P  
Sample quantity: 1  
CPST Internal Reference No.: C211014044  
Sample Received Date: Oct 14, 2021  
Test Period: Oct 14, 2021 to Oct 22, 2021  
Test Method: Please refer to next pages.  
Test Result: Please refer to next pages.

### CONCLUSION :

<u>TESTED SAMPLES</u>	<u>TEST ITEM</u>	<u>RESULT</u>
DC cooling fan	1.As specified by client, SVHC screening is performed according to: Two hundred and nineteen(219) Substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemical Agency (ECHA) on and before Jul 08, 2021 published by European Chemical Agency (ECHA) regarding regulation (EC) No.1907/2006 concerning the REACH. According to the specified scope and analytical techniques, concentrations of SVHC(219 SVHC) are less than 0.1%(w/w) in the sample.	<b>PASS</b>

Signed for and on behalf of  
Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

WRITTEN BY :

Silvia Chan

Chen Xiao Ting, Silvia  
Report writer

REVIEWED BY:

Sunshine Liu

Liu Xiao Fang, Sunshine  
Report Reviewer

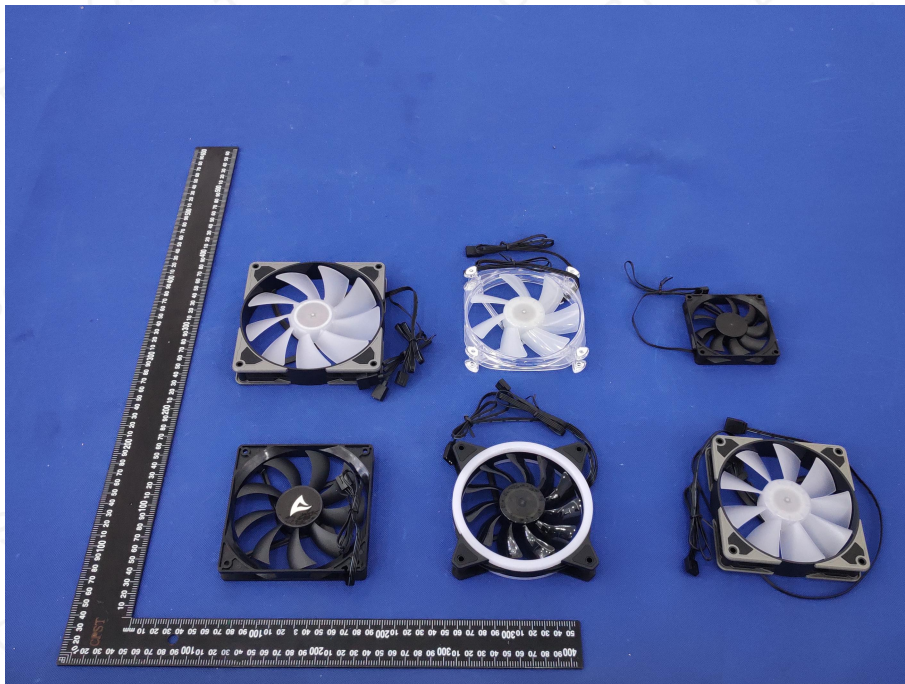
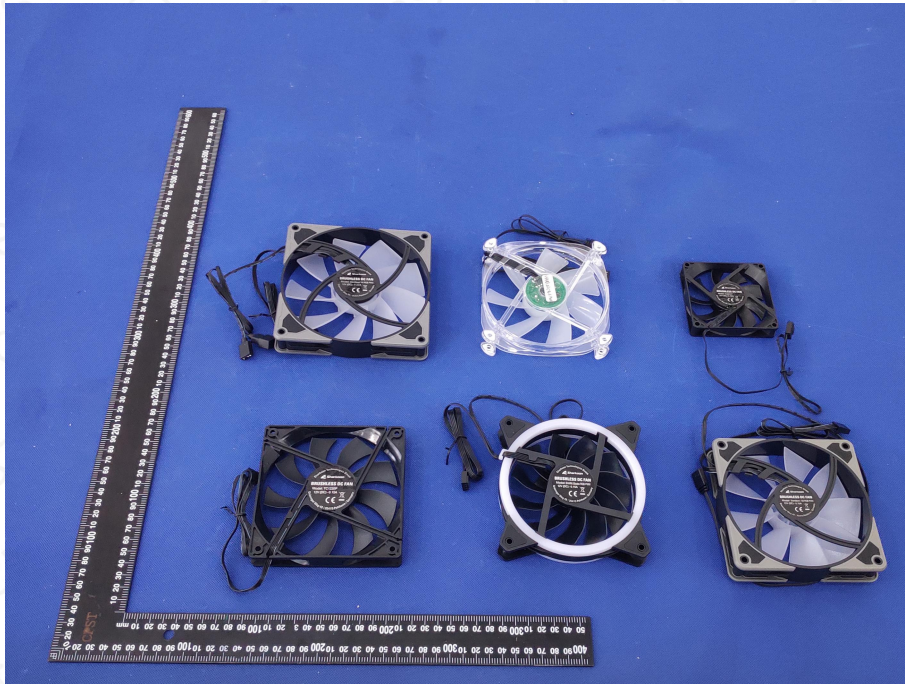
APPROVED BY:

Will Pan

Pan Jian Ding, Will  
Technical Supervisor

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### Photo of the Submitted Sample



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**Test Result(s):**

Tested components : No.1 Metal(Except for copper alloy) (mixed)  
No.2 Non-metal (mixed)

Chemical Substance	Results %(w/w)	
	Tested components	
	No.1	No.2
All Tested 219 SVHCs in Chemical List	N.D.	N.D.

**Note:**

1. SVHC = Substances of Very High Concern
2. % = percentage by weight
3. N.D. = Not Detected (<Report Limit)
4. RL = Report Limit = 0.020%
5. \*\* According to the 5.2.1 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011, the selected test methods only show the existence of certain elements rather than the existence of substances, using additional measurements to screen for the existence and identification of substances in a sample when necessary.
6. Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily "the substance" which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011.
7. Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA "Guidance on requirements for substances in articles".
8. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify the European Chemicals Agency(ECHA), In accordance with Article 59(1) of the Regulation if:  
-the substance is present in those articles in quantities totaling over one ton per producer or importer per year;  
-the substance is present in those articles above a concentration of 0.1% weight by weight(w/w).
9. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.

Remark:As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

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**219 SVHCs Chemical List, Test Method and Instrument:**

No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
<b>First batch</b>				
1	Anthracene	AfPS ProdSG:2014 GC-MS	120-12-7	204-371-1
2	4,4'-Diaminodiphenylmethane	EPA 3550C:2007& EPA 8270D:2014 GC-MS	101-77-9	202-974-4
3	Dibutyl phthalate (DBP)	EN 14372:2004 GC-MS	84-74-2	201-557-4
4	Bis(2-ethylhexyl)phthalate (DEHP)		117-81-7	204-211-0
5	Benzyl butyl phthalate (BBP)		85-68-7	201-622-7
6	Bis(tributyltin)oxide (TBTO)	ISO17353:2004(E) GC-MS	56-35-9	200-268-0
7	5-tert-butyl-2,4,6-trinitro-m-xylene	EPA 3550C:2007& EPA 8270D:2014 GC-MS	81-15-2	201-329-4
8	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)		25637-99-4 3194-55-6 (134237-51-7 134237-50-6 134237-52-8)	247-148-4 221-695-9
9	Alkanes, C10-13 chloro (short chain chlorinated paraffins, SCCP)		85535-84-8	287-476-5
10	Lead hydrogen arsenate**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	7784-40-9	232-064-2
11	Triethyl arsenate**		15606-95-8	427-700-2
12	Diarsenic pentaoxide **		1303-28-2	215-116-9
13	Diarsenic trioxide**		1327-53-3	215-481-4
14	Cobalt dichloride**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 &EN14582:2016 ICP-OES &IC	7646-79-9	231-589-4
15	Sodium dichromate**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES & UV-Vis	7789-12-0 10588-01-9	234-190-3
<b>Second batch</b>				

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
16	Anthracene oil	AfPS ProdSG:2014 GC-MS	90640-80-5	292-602-7
17	Anthracene oil, anthracene paste, distn. Lights		91995-17-4	295-278-5
18	Anthracene oil, anthracene paste, anthracene fraction		91995-15-2	295-275-9
19	Anthracene oil, anthracene-low		90640-82-7	292-604-8
20	Anthracene oil, anthracene paste		90640-81-6	292-603-2
21	Diisobutyl phthalate (DIBP)	EN 14372:2004 GC-MS	84-69-5	201-553-2
22	2,4-Dinitrotoluene (2,4-DNT)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	121-14-2	204-450-0
23	Lead chromate **	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES & UV-Vis	7758-97-6	231-846-0
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) **		12656-85-8	235-759-9
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34) **		1344-37-2	215-693-7
26	Pitch, coal tar, high temp.	AfPS ProdSG:2014 GC-MS	65996-93-2	266-028-2
27	Tris(2-chloroethyl) phosphate(TCEP)	EPA 3540C:1996& EPA 8270D:2014 GC-MS	115-96-8	204-118-5
28	Acrylamide	EPA 3550C:2007& EPA 8321B:2007 HPLC	79-06-1	201-173-7
<b>Third batch</b>				
29	Trichloroethylene	EPA 3550C:2007& EPA 8270D:2014 GC-MS	79-01-6	201-167-4
30	Boric acid **	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	10043-35-3 11113-50-1	233-139-2 234-343-4
31	Disodium tetraborate, anhydrous **	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	1330-43-4 12179-04-3 1303-96-4	215-540-4
32	Tetraboron disodium heptaoxide, hydrate **		12267-73-1	235-541-3

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.	
33	Sodium chromate **	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES&UV-Vis	7775-11-3	231-889-5	
34	Potassium chromate **		7789-00-6	232-140-5	
35	Ammonium dichromate **		7789-09-5	232-143-1	
36	Potassium dichromate **		7778-50-9	231-906-6	
<b>Fourth batch</b>					
37	Chromium trioxide **	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES&UV-Vis	1333-82-0	215-607-8	
38	2-Methoxyethanol	EPA 3550C:2007& EPA 8270D:2014 GC-MS	109-86-4	203-713-7	
39	2-Ethoxyethanol		110-80-5	203-804-1	
40	Cobalt(II) diacetate **	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	71-48-7	200-755-8	
41	Cobalt(II) carbonate **		513-79-1	208-169-4	
42	Cobalt(II) dinitrate **		10141-05-6	233-402-1	
43	Cobalt(II) sulphate **		10124-43-3	233-334-2	
44	Acids generated from chromium trioxide and their oligomers Group containing:	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES & UV-Vis	Chromic acid**	7738-94-5	231-801-5
			Dichromic acid**	13530-68-2	236-881-5
			Oligomers of chromic acid and dichromic acid**	-	-
<b>Fifth batch</b>					
45	2-ethoxyethyl acetate	EPA 3550C:2007& EPA 8270D:2014 GC-MS	111-15-9	203-839-2	
46	Strontium chromate**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES & UV-Vis	7789-06-2	232-142-6	

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	EN 14372:2004 GC-MS	68515-42-4	271-084-6
48	Hydrazine	EPA 3550C:2007& EPA 8270D:2014 GC-MS	7803-57-8 302-01-2	206-114-9
49	1-methyl-2-pyrrolidone		872-50-4	212-828-1
50	1,2,3-trichloropropane		96-18-4	202-486-1
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	EN 14372:2004 GC-MS	71888-89-6	276-158-1
<b>Sixth batch</b>				
52	Dichromium tris(chromate)**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES & UV-Vis	24613-89-6	246-356-2
53	Potassium hydroxyoctaoxidizincate di-chromate**		11103-86-9	234-329-8
54	Pentazinc chromate octahydroxide **	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	49663-84-5	256-418-0
55	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	EPA 3550C:2007& EPA 8321B:2007 HPLC	25214-70-4	500-036-1
56	Bis(2-methoxyethyl) phthalate (DMEP)	EN 14372:2004 GC-MS	117-82-8	204-212-6
57	2-Methoxyaniline; o-Anisidine	EPA 3550C:2007& EPA 8270D:2014 GC-MS	90-04-0	201-963-1
58	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)		140-66-9	205-426-2
59	1,2-Dichloroethane		107-06-2	203-458-1
60	Bis(2-methoxyethyl) ether		111-96-6	203-924-4
61	Arsenic acid**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	7778-39-4	231-901-9
62	Calcium arsenate**		7778-44-1	231-904-5
63	Trilead diarsenate**		3687-31-8	222-979-5
64	N,N-dimethylacetamide (DMAC)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	127-19-5	204-826-4

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
65	Phenolphthalein	EPA 3550C:2007& EPA 8321B:2007 HPLC	77-09-8	201-004-7
66	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	101-14-4	202-918-9
67	Lead azide; Lead diazide**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	13424-46-9	236-542-1
68	Lead styphnate**		15245-44-0	239-290-0
69	Lead dipicrate**		6477-64-1	229-335-2
70	Aluminosilicate Refractory Ceramic Fibres (RCF)**		-	-
71	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**		-	-
<b>Seventh batch</b>				
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	112-49-2	203-977-3
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)		110-71-4	203-794-9
74	Diboron trioxide**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	1303-86-2	215-125-8
75	Lead(II)bis(methanesulfonate)**		17570-76-2	401-750-5
76	Formamide	EPA 3550C:2007& EPA 8270D:2014 GC-MS	75-12-7	200-842-0
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	EPA 3550C:2007& EPA 8321B:2007 HPLC	2451-62-9	219-514-3
78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)		59653-74-6	423-400-0
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	90-94-8	202-027-5
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)		101-61-1	202-959-2

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81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	EPA 3550C:2007& EPA 8321B:2007 HPLC	548-62-9	208-953-6
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]		2580-56-5	219-943-6
83	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]		6786-83-0	229-851-8
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)		561-41-1	209-218-2
<b>Eighth batch</b>				
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	IEC 62321-6:2015 GC-MS	1163-19-5	214-604-9
86	Pentacosafuorotridecanoic acid	EPA 3550C:2007& EPA 8321B:2007 HPLC	72629-94-8	276-745-2
87	Tricosafuorododecanoic acid	EPA 3550C:2007& EPA 8321B:2007 HPLC	307-55-1	206-203-2
88	Henicosafuoroundecanoic acid		2058-94-8	218-165-4
89	Heptacosafuorotetradecanoic acid		376-06-7	206-803-4

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]		-	-
91	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 3550C:2007& EPA 8270D:2014 GC-MS	-	-
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	EPA 3550C:2007& EPA 8321B:2007 HPLC	123-77-3	204-650-8
93	Hexahydromethylphthalic anhydride Hexahydro-4-methylphthalic anhydride Hexahydro-1-methylphthalic anhydride Hexahydro-3-methylphthalic anhydride	EPA 3550C:2007& EPA 8270D:2014 GC-MS	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1
94	Cyclohexane-1,2-dicarboxylic anhydride	EPA 3550C:2007& EPA 8270D:2014 GC-MS	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9
95	Methoxy acetic acid		625-45-6	210-894-6
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear		84777-06-0	284-032-2
97	Diisopentylphthalate (DIPP)	EN 14372:2004 GC-MS	605-50-5	210-088-4
98	N-pentyl-isopentylphthalate		776297-69-9	-
99	1,2-diethoxyethane	EPA 3550C:2007& EPA 8270D:2014 GC-MS	629-14-1	211-076-1
100	N,N-dimethylformamide		68-12-2	200-679-5
101	Dibutyltin dichloride (DBTC)	ISO 17353:2004(E) GC-MS	683-18-1	211-670-0
102	Acetic acid, lead salt, basic**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	51404-69-4	257-175-3
103	Trilead bis(carbonate) dihydroxide**		1319-46-6	215-290-6
104	Lead oxide sulfate**		12036-76-9	234-853-7
105	[Phthalato(2-)]dioxotrilead **		69011-06-9	273-688-5
106	Dioxobis(stearato)trilead **	EPA 3050B:1996&	12578-12-0	235-702-8

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107	Fatty acids, C16-18, lead salts**	EPA 3052:1996& EPA 6010C:2007 ICP-OES	91031-62-8	292-966-7
108	Lead bis(tetrafluoroborate)**		13814-96-5	237-486-0
109	Lead cyanamide**		20837-86-9	244-073-9
110	Lead dinitrate**		10099-74-8	233-245-9
111	Lead oxide (lead monoxide)**		1317-36-8	215-267-0
112	Lead tetroxide (orange lead)**		1314-41-6	215-235-6
113	Lead titanium trioxide**		12060-00-3	235-038-9
114	Lead Titanium Zirconium Oxide**		12626-81-2	235-727-4
115	Pentalead tetraoxide sulphate**		12065-90-6	235-067-7
116	Pyrochlore, antimony lead yellow**		8012-00-8	232-382-1
117	Silicic acid, barium salt, lead-doped**		68784-75-8	272-271-5
118	Silicic acid, lead salt**		11120-22-2	234-363-3
119	Sulfurous acid, lead salt, dibasic**		62229-08-7	263-467-1
120	Tetraethyllead**		78-00-2	201-075-4
121	Tetralead trioxide sulphate**	12202-17-4	235-380-9	
122	Trilead dioxide phosphonate**	12141-20-7	235-252-2	
123	Furan	EPA 3550C:2007& EPA 8270D:2014 GC-MS	110-00-9	203-727-3
124	Methyloxirane (Propylene oxide)	EPA 3550C:2007& EPA 8270D:2014 HS-GC-MS	75-56-9	200-879-2
125	Diethyl sulphate	EPA 3550C:2007& EPA 8321B:2007 HPLC	64-67-5	200-589-6
126	Dimethyl sulphate		77-78-1	201-058-1
127	3-ethyl-2-methyl-2-(3-methylbutyl)- 1,3-oxazoli dine	EPA 3550C:2007& EPA 8270D:2014 GC-MS	143860-04-2	421-150-7
128	Dinoseb		88-85-7	201-861-7
129	4,4'-methylenedi- <i>o</i> -toluidine		838-88-0	212-658-8
130	4,4'-oxydianiline and its salts		101-80-4	202-977-0
131	4-aminoazobenzene		60-09-3	200-453-6
132	4-methyl- <i>m</i> -phenylenediamine (toluene-2,4-diamine)		EPA 3550C:2007& EPA 8270D:2014 GC-MS	95-80-7
133	6-methoxy- <i>m</i> -toluidine (p-cresidine)	120-71-8		204-419-1

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
134	Biphenyl-4-ylamine		92-67-1	202-177-1
135	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]		97-56-3	202-591-2
136	o-toluidine		95-53-4	202-429-0
137	N-methylacetamide	EPA 3550C:2007& EPA 8270D:2014 GC-MS	79-16-3	201-182-6
138	1-bromopropane (n-propyl bromide)	EPA 3550C:2007& EPA 8270D:2014 HS-GC-MS	106-94-5	203-445-0
<b>Ninth batch</b>				
139	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 3550C:2007& EPA 8270D:2014 GC-MS	-	-
140	Cadmium**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	7440-43-9	231-152-8
141	Cadmium oxide**		1306-19-0	215-146-2
142	Ammonium pentadecafluorooctanoate (APFO)	EPA 3550C:2007& EPA 8321B:2007 HPLC	3825-26-1	223-320-4
143	Pentadecafluorooctanoic acid (PFOA)		335-67-1	206-397-9
144	Dipentyl phthalate (DPP)	EN 14372:2004 GC-MS	131-18-0	205-017-9
<b>Tenth batch</b>				
145	Cadmium sulphide**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	1306-23-6	215-147-8
146	Dihexyl phthalate(DnHP)	EN 14372:2004 GC-MS	84-75-3	201-559-5
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	EPA 3550C:2007& EPA 8321B:2007 HPLC	573-58-0	209-358-4

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
148	Disodium 4-amino-3-[[4'-(2,4-diaminophenyl) azo][1,1'-biphenyl]-4-yl]azo -5-hydroxy-6-(phenylazo)naphthale ne-2,7-disulphonate (C.I. Direct Black 38)		1937-37-7	217-710-3
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	EPA 3550C:2007& EPA 8270D:2014 GC-MS	96-45-7	202-506-9
150	Trixylyl phosphate		25155-23-1	246-677-8
151	Lead di(acetate)**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	301-04-2	206-104-4
<b>Eleventh batch</b>				
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	EN 14372:2004 GC-MS	68515-50-4	271-093-5
153	Cadmium chloride**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	10108-64-2	233-296-7
154	Sodium perborate; perboric acid, sodium salt**		-	239-172-9 234-390-0
155	Sodium peroxometaborate**		7632-04-4	231-556-4
<b>Twelfth batch</b>				
156	2-(2H-benzotriazol-2-yl)-4,6-ditertp entylphenol (UV-328)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	25973-55-1	247-384-8
157	2-benzotriazol-2-yl-4,6-di-tert-butylp henol (UV-320)		3846-71-7	223-346-6
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5 -dithia-4-stannatetradecanoate (DOTE)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	15571-58-1	239-622-4
159	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 3550C:2007& EPA 8270D:2014 GC-MS	-	-

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
160	Cadmium fluoride**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	7790-79-6	232-222-0
161	Cadmium sulphate**		10124-36-4 31119-53-6	233-331-6
<b>Thirteenth batch</b>				
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	68515-51-5 68648-93-1	271-094-0 272-013-1
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] [covering any of the individual isomers of [1] and [2] or any combination thereof]		-	-
<b>Fourteenth batch</b>				
164	1,3-propanesultone	EPA 3540C:1996, GC-FID	1120-71-4	214-317-9
165	2,4-di-tert-butyl-6-(5-chlorobenzotri azol-2-yl)phenol (UV-327)	EPA 3540C:1996& EPA 8321B:2007, HPLC	3864-99-1	223-383-8
166	2-(2H-benzotriazol-2-yl)-4-(tert-buty l)-6-(sec-butyl)phenol (UV-350)		36437-37-3	253-037-1
167	Nitrobenzene	EPA 3540C:1996, GC-FID	98-95-3	202-716-0
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-he ptadecafluorononanoic acid and its sodium and ammonium salts	EPA 3540C:1996& EPA 8321B:2007, LC-MS	375-95-1, 21049-39-8 4149-60-4	206-801-3
<b>Fifteenth batch</b>				
169	Benzo[def]chrysene (Benzo[a]pyrene)	AfPS ProdSG:2014 GC-MS	50-32-8	200-028-5
<b>Sixteenth batch</b>				
170	4,4'-isopropylidenediphenol (bisphenol A)	EPA 3550C:2007& EPA 8321B:2007, HPLC	80-05-7	201-245-8

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
171	4-tert-pentylphenol (PTAP)		80-46-6	201-280-9
172	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 3550C:2007& EPA 8270D:2014 GC-MS	-	-
173	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	EPA 3550C:2007& EPA 8321B:2007, HPLC	3108-42-7 335-76-2 3830-45-3	- 206-400-3 221-470-5
<b>Seventeenth batch</b>				
174	Perfluorohexane-1-sulphonic acid and its salts	EPA 3550C:2007& EPA 8270D:2014 GC-MS	355-46-4	206-587-1
<b>Eighteenth batch</b>				
175	1,6,7,8,9,14,15,16,17,17,18,18-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 8270D:2014 GC-MS	-	-
176	Benz[a]anthracene	AfPS ProdSG:2014 GC-MS	56-55-3	200-280-6
177	Cadmium nitrate**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	10325-94-7	233-710-6
178	Cadmium carbonate**		513-78-0	208-168-9
179	Cadmium hydroxide**		21041-95-2	244-168-5
180	Chrysene	AfPS ProdSG:2014 GC-MS	218-01-9	205-923-4

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
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]	EPA 8270D:2014 GC-MS	-	-
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	EPA 8270D:2014 GC-MS	552-30-7	209-008-0
183	Dicyclohexyl phthalate (DCHP)	EPA 8270D:2014 GC-MS	84-61-7	201-545-9
<b>Nineteenth batch</b>				
184	Benzo[ghi]perylene	AfPS ProdSG:2014 GC-MS	191-24-2	205-883-8
185	Decamethylcyclotrasiloxane (D5)	EPA 8270D:2014 GC-MS	541-02-6	208-764-9
186	Disodium octaborate**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	12008-41-2	234-541-0
187	Dodecamethylcyclohexasiloxane (D6)	EPA 8270D:2014 GC-MS	540-97-6	208-762-8
188	Ethylenediamine		107-15-3	203-468-6
189	Lead**	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	7439-92-1	231-100-4
190	Octamethylcyclotetrasiloxane (D4)	EPA 8270D:2014 GC-MS	556-67-2	209-136-7
191	Terphenyl hydrogenated		61788-32-7	262-967-7
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	EPA 8270D:2014 GC-MS	15087-24-8	239-139-9
<b>Twentieth batch</b>				
193	2,2-bis(4'-hydroxyphenyl)-4-methyl pentane	EPA 8270D:2014 GC-MS	6807-17-6	401-720-1
194	Benzo[k]fluoranthene	AfPS ProdSG:2014	207-08-9	205-916-6

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
195	Fluoranthene	GC-MS	206-44-0	205-912-4
196	Phenanthrene		85-01-8	201-581-5
197	Pyrene		129-00-0	204-927-3
<b>Twenty-first batch</b>				
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) HFPO-DA	EPA 8270D:2014 GC-MS	-	-
199	2-methoxyethyl acetate		110-49-6	203-772-9
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq$ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)		-	-
201	p-tert-Butylphenol, 4-t-Butylphenol (PTBP)		98-54-4	202-679-0
<b>Twenty-two batch</b>				
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	EPA 3540C:1996, HPLC	119313-12-1	404-360-3
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	EPA 3540C:1996, HPLC	71868-10-5	400-600-6
204	Diisohexyl phthalate	EPA 8270D:2014 GC-MS	71850-09-4	276-090-2
205	Perfluorobutane sulfonic acid (PFBS) and its salts	EPA 3540C:1996, HPLC	---	---
<b>Twenty-three batch</b>				
206	1-vinylimidazole	EPA 3540C:1996, HPLC	1072-63-5	214-012-0
207	2-methylimidazole		693-98-1	211-765-7
208	Butyl 4-hydroxybenzoate		94-26-8	202-318-7
209	Dibutylbis(pentane-2,4-dionato-O, O')tin		22673-19-4	245-152-0

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No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
<b>Twenty-four batch</b>				
210	bis(2-(2-methoxyethoxy)ethyl) ether	EPA 3540C:1996, HPLC	143-24-8	---
211	Diocyltin 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		---	---
<b>Twenty-five batch</b>				
212	1,4-dioxane	EPA 3540C:1996, GC-MS	123-91-1	204-661-8
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)	EPA 3540C:1996, GC-MS	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	EPA 8270D:2014 GC-MS	---	---
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	EPA 3550C:2007 & EPA 8321B:2007, HPLC-MS/DAD	77-40-7	201-025-1
216	Glutaral	EPA 8270D:2014 GC-MS	111-30-8	203-856-5
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 3550C:2007 & EPA 8270D:2014 GC-MS	---	---
218	Orthoboric acid, sodium salt	EPA 3050B:1996 & EPA 3052:1996 & EPA 6010C:2007 ICP-OES	13840-56-7	237-560-2

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# CPST

## Test Report

No. C211014044002-1

Date: Oct 22, 2021

Page 19 of 20

No.	Chemical Substance Name(s)	Refer to Test Method/ Instrument	CAS No.	EC No.
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, HPLC-MS/DAD	---	---

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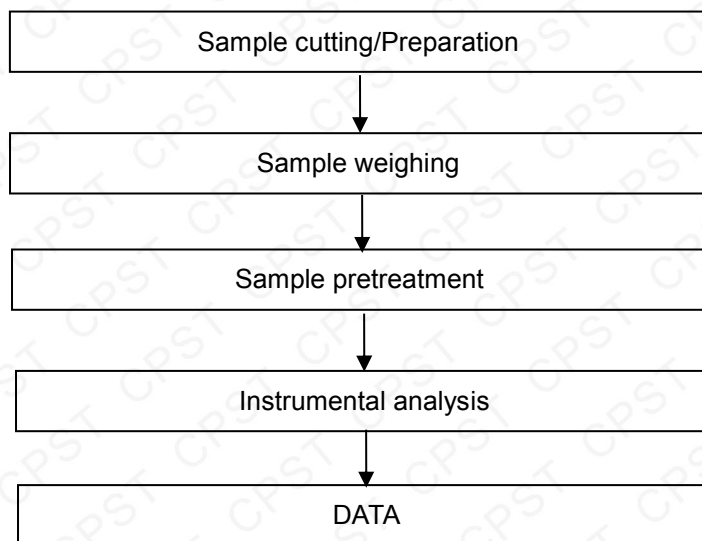


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### Test Flow Chart



\*\*\* End of Report \*\*\*

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