



# TEST REPORT

**Report No.** ..... : WTF26F05140734X1C  
**Job No.** ..... : FSW2605201024CJ  
**Applicant** ..... : Sunlu (Guangdong) Technology Co., Ltd.  
**Address** ..... : No.162 Tanlong North Road, Tanzhou Town, Zhongshan City  
Zhongshan, Guangdong, 528467, China  
**Sample Name** ..... : Refer to next page (s)  
**LOGO** ..... :   
**Test Requested** ..... : Refer to next page (s)  
**Test Method** ..... : Refer to next page (s)  
**Test Conclusion** ..... : Refer to next page (s)  
**Date of Receipt Sample** ..... : 2026-05-20  
**Testing Period** ..... : 2026-05-20 to 2026-06-02  
**Date of Issue** ..... : 2026-06-08  
**Test Result** ..... : Refer to next page (s)  
**Note** ..... : This report is English version of report  
No. WTF26F05140734R4X1C

**Prepared By:**

**Waltek Testing Group (Foshan) Co., Ltd.**

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Signed for and on behalf of  
Waltek Testing Group (Foshan) Co., Ltd.

*Swing Liang*



WTF26F05140734X1C

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Waltek Testing Group (Foshan) Co., Ltd.  
<http://www.waltek.com.cn>



Test Requested	Test Conclusion
1. According to European Commission Regulation 1907/2006 (REACH Act), to test and evaluate the 253 kinds of SVHC content which have been listed in ECHA's website (latest updated on 4 February 2026): <a href="https://echa.europa.eu/candidate-list-table">https://echa.europa.eu/candidate-list-table</a>	Pass <sup>△</sup>
2. According to the applicant's requirement, to determine and evaluate the 1 substance content which has been published in a public consultation launched by ECHA to identify an additional chemicals as Substances of Very High Concern (SVHCs) on 1 June 2021.	Pass <sup>△</sup>

Remark:

Pass<sup>△</sup> means

According to the specified scope and analytical technique, the concentrations of the 253 substances of SVHC, 1 kind of public comment substance are less than 0.1% in the submitted samples

No.	Sample Name	No.	Sample Name	No.	Sample Name
1	PLA	21	PP	41	High Speed PLA
2	PLA+	22	PC	42	High Speed PLA+
3	PLA+2.0	23	PC-ABS	43	High Speed PLA+2.0
4	PETG	24	ABS-FR	44	High Speed Matte PLA
5	ABS	25	ABS-GF	45	High Speed Matte PETG
6	PCL	26	Easy PA	46	High Speed Marble PLA
7	APLA	27	PA6-CF	47	PLA Wood
8	PLA Lite	28	PA12-CF	48	PLA Galaxy
9	PLA Classic	29	PA6-GF	49	PLA Twinkling
10	PLA Matte	30	PEEK	50	Silk PLA+ Rainbow
11	PLA Glow in the dark	31	ASA	51	
12	PLA Rainbow	32	PVB	52	
13		33	PLA Meta	53	
14		34	LW-PLA	54	Silk PLA+ Four-Color
15		35	PLA-CF	55	PLA Transparent Rainbow
16		36	PETG-CF	56	
17	Silk PLA+	37	TPU 90A	57	PETG Glow in the dark
18	PLA Matte Dual-Color	38	TPU 95A	58	PLA-Metallic
19	Silk PLA+ Dual-Color	39	Silk TPU	/	/
20	Silk PLA+ Tri-Color	40	High Speed ABS	/	/



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

**Test Results:**

Test Method/Equipment:

In-house method, analysis was performed by ICP-OES, ICP-MS, AAS, UV-Vis, IC, XRF, GC-ECD, GC-MS, HPLC, LC-MS, LC-MS/MS.

Group No.	Substance Name	CAS NO.	Result(%w/w)	RL(%w/w)
1	253 Substances of SVHC in candidate list	--	ND	--
	Resorcinol	108-46-3	ND	0.01
2	Other 252 Substances of SVHC in candidate list	--	ND	--
	Triphenyl phosphate	115-86-6	0.024	0.01
	Resorcinol	108-46-3	ND	0.01
3	253 Substances of SVHC in candidate list	--	ND	--
	Resorcinol	108-46-3	ND	0.01

**Test Group(s):**

- 1: Non-metal (No.1+No.2+No.3+No.4+No.5+No.6+No.7+No.8+No.9+No.10+No.11+No.12+No.13+No.14+No.15+No.16+No.17+No.18+No.19+No.20)
- 2: Non-metal (No.21+No.22+No.23+No.24+No.25+No.26+No.27+No.28+No.29+No.30+No.31+No.32+No.33+No.34+No.35+No.36+No.37+No.38+No.39+No.40)
- 3: Non-metal (No.41+No.42+No.43+No.44+No.45+No.46+No.47+No.48+No.49+No.50+No.51+No.52+No.53+No.54+No.55+No.56+No.57+No.58)



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

**Note:**

1. In accordance with regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:
  - (a) the substance is present in those articles in quantities totalling over one tonne per producer or importer per year;
  - (b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w).
2. From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (W/W) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.
3. Companies supplying articles containing substances of very high concern (SVHCs) in a concentration above 0.1% weight by weight (w/w) on the EU market must comply with the Waste Framework Directive 2008/98/EC requirement and submit SCIP notifications on these articles to ECHA, as from 5 January 2021.
4. ND=Not detected, Less than reporting limit (RL).
5. RL=Reporting Limit (Test data will be shown if it  $\geq$  RL. RL is not regulatory limit.)
6. Results are calculated by the minimum weight of mixed components.
7. This report is based on Waltek test report WTF26F05140734C for revising, and replaced report WTF26F05140734C.

# WALTEK

**Appendix****The list of 253 Substances of Very High Concern**

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
The first 15 SVHC(Announced in October, 2008)				
1	Anthracene	120-12-7	204-371-1	0.01
2	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	0.01
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.01
4	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	0.01
5	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.01
6	Bis(tributyltin) oxide (TBTO)	56-35-9	200-268-0	0.01
7	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	201-329-4	0.01
8	Hexabromocyclododecane (HBCDD) (and all major diastereoisomers identified)	25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4/ 221-695-9	0.01
9	Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	287-476-5	0.01
10	Lead hydrogen arsenate	7784-40-9	232-064-2	0.01
11	Triethyl arsenate	15606-95-8	427-700-2	0.01
12	Diarsenic pentaoxide	1303-28-2	215-116-9	0.01
13	Diarsenic trioxide	1327-53-3	215-481-4	0.01
14	Cobalt dichloride	7646-79-9	231-589-4	0.01
15	Sodium dichromate	7789-12-0, 10588-01-9	234-190-3	0.01
The second 13 SVHC(Announced in January and March, 2010)				
16	Anthracene oil	90640-80-5	292-602-7	0.01
17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	0.01
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.01
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.01
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.01
21	Diisobutyl phthalate	84-69-5	201-553-2	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
22	2,4-dinitrotoluene	121-14-2	204-450-0	0.01
23	Lead chromate	7758-97-6	231-846-0	0.01
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.01
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.01
26	Pitch, coal tar, high-temp.	65996-93-2	266-028-2	0.01
27	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	0.01
28	Acrylamide	79-06-1	201-173-7	0.01
The third 8 SVHC(Announced in June, 2010)				
29	Trichloroethylene	79-01-6	201-167-4	0.01
30	Boric acid (EC No. 233-139-2 and EC No. 234-343-4)	10043-35-3/ 11113-50-1	233-139-2 234-343-4	0.01
31	Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.01
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.01
33	Sodium chromate	7775-11-3	231-889-5	0.01
34	Potassium chromate	7789-00-6	232-140-5	0.01
35	Ammonium dichromate	7789-09-5	232-143-1	0.01
36	Potassium dichromate	7778-50-9	231-906-6	0.01
The fourth 8 SVHC(Announced in December,2010)				
37	Chromium trioxide	1333-82-0	215-607-8	0.01
38	2-methoxyethanol	109-86-4	203-713-7	0.01
39	2-ethoxyethanol	110-80-5	203-804-1	0.01
40	Cobalt(II) diacetate	71-48-7	200-755-8	0.01
41	Cobalt(II) carbonate	513-79-1	208-169-4	0.01
42	Cobalt(II) dinitrate	10141-05-6	233-402-1	0.01
43	Cobalt(II) sulphate	10124-43-3	233-334-2	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01
The fifth 7 SVHC(Announced in June, 2011)				
45	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01
46	Strontium chromate	7789-06-2	232-142-6	0.01
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01
48	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01
49	1-Methyl-2-pyrrolidone (NMP)	872-50-4	212-828-1	0.01
50	1,2,3-trichloropropane	96-18-4	202-486-1	0.01
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich(DIHP)	71888-89-6	276-158-1	0.01
The sixth 20 SVHC(Announced in December, 2011)				
52	Aluminosilicate Refractory Ceramic Fibres	—	650-017-00-8	0.01
53	Zirconia Aluminosilicate Refractory Ceramic Fibres	—	650-017-00-8	0.01
54	Dichromium tris(chromate)	24613-89-6	246-356-2	0.01
55	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	0.01
56	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.01
57	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	0.01
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.01
59	2-Methoxyaniline, o-Anisidine	90-04-0	201-963-1	0.01
60	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	0.01
61	1,2-dichloroethane	107-06-2	203-458-1	0.01
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.01
63	Arsenic acid	7778-39-4	231-901-9	0.01
64	Calcium arsenate	7778-44-1	231-904-5	0.01
65	Trilead diarsenate	3687-31-8	222-979-5	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
66	N,N-dimethylacetamide	127-19-5	204-826-4	0.01
67	Phenolphthalein	77-09-8	201-004-7	0.01
68	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	0.01
69	Lead diazide, Lead azide	13424-46-9	236-542-1	0.01
70	Lead styphnate	15245-44-0	239-290-0	0.01
71	Lead dipicrate	6477-64-1	229-335-2	0.01
The seventh 13 SVHC(Announced in June, 2012)				
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01
73	1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01
74	Diboron trioxide	1303-86-2	215-125-8	0.01
75	Formamide	75-12-7	200-842-0	0.01
76	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	0.01
77	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	0.01
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	0.01
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01
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))	548-62-9	208-953-6	0.01
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	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
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	0.01
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	0.01
The eighth 54 SVHC(Announced in December, 2012)				
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	214-604-9	0.01
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.01
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.01
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.01
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.01
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (covering well-defined substances and UVCB substances, polymers and homologues)	--	--	0.01
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)	--	--	0.01
92	Diazene-1,2-dicarboxamide(C,C'-azodi(formamide) ) (ADCA)	123-77-3	204-650-8	0.01
93	Cyclohexane-1,2-dicarboxylic anhydride (all possible combinations of the cis- and trans-isomers)	85-42-7, 14166-21-3, 13149-00-3	201-604-9, 238-009-9, 236-086-3	0.01
94	Hexahydromethylphthalic anhydride (including cis- and trans- stereo isomeric forms and all possible combinations of the isomers)	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01
95	Methoxyacetic acid	625-45-6	210-894-6	0.01
96	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	284-032-2	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
97	Diisopentyl phthalate	605-50-5	210-088-4	0.01
98	n-pentyl-isopentyl phthalate	776297-69-9	--	0.01
99	1,2-diethoxyethane	629-14-1	211-076-1	0.01
100	N,N-dimethylformamide	68-12-2	200-679-5	0.01
101	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.01
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.01
103	Trilead bis(carbonate) dihydroxide	1319-46-6	215-290-6	0.01
104	Lead oxide sulfate	12036-76-9	234-853-7	0.01
105	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	0.01
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.01
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.01
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.01
109	Lead cyanamidate	20837-86-9	244-073-9	0.01
110	Lead dinitrate	10099-74-8	233-245-9	0.01
111	Lead monoxide (lead oxide)	1317-36-8	215-267-0	0.01
112	Orange lead (lead tetroxide)	1314-41-6	215-235-6	0.01
113	Lead titanium trioxide	12060-00-3	235-038-9	0.01
114	Lead titanium zirconium oxide	12626-81-2	235-727-4	0.01
115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.01
116	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	0.01
117	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	68784-75-8	272-271-5	0.01
118	Silicic acid, lead salt	11120-22-2	234-363-3	0.01
119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.01
120	Tetraethyllead	78-00-2	201-075-4	0.01
121	Tetralead trioxide sulphate	12202-17-4	235-380-9	0.01
122	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.01
123	Furan	110-00-9	203-727-3	0.01
124	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.01
125	Diethyl sulphate	64-67-5	200-589-6	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
126	Dimethyl sulphate	77-78-1	201-058-1	0.01
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine (ZOLDINE MS-PLUS)	143860-04-2	421-150-7	0.01
128	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.01
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.01
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.01
131	4-aminoazobenzene	60-09-3	200-453-6	0.01
132	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.01
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.01
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.01
135	o-aminoazotoluene	97-56-3	202-591-2	0.01
136	o-toluidine	95-53-4	202-429-0	0.01
137	N-methylacetamide	79-16-3	201-182-6	0.01
138	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.01
The ninth 6 SVHC(Announced in June, 2013)				
139	Cadmium (Cd)	7440-43-9	231-152-8	0.01
140	Cadmium oxide	1306-19-0	215-146-2	0.01
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.01
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.01
143	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.01
144	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)	--	--	0.01
The tenth 7 SVHC(Announced in December, 2013)				
145	Cadmium sulphide	1306-23-6	215-147-8	0.01
146	Dihexyl phthalate	84-75-3	201-559-5	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

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147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.01
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.01
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.01
150	Lead di(acetate)	301-04-2	206-104-4	0.01
151	Trixylyl phosphate	25155-23-1	246-677-8	0.01
The eleventh 4 SVHC(Announced in June, 2014)				
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.01
153	Cadmium chloride	10108-64-2	233-296-7	0.01
154	Sodium perborate, perboric acid, sodium salt	--	239-172-9, 234-390-0	0.01
155	Sodium peroxometaborate	7632-04-4	231-556-4	0.01
The twelfth 6 SVHC(Announced in December, 2014)				
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.01
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.01
158	Cadmium fluoride	7790-79-6	232-222-0	0.01
159	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	0.01
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.01
161	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)	--	--	0.01
The thirteenth 2 SVHC(Announced in June, 2015)				



Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters(with $\geq$ 0.3% of dihexyl phthalate (EC No. 201-559-5))	68515-51-5 68648-93-1	271-094-0 272-013-1	0.01
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 stereoisomers of [1] and [2] or any combination thereof)	--	--	0.01
The fourteenth 5 SVHC(Announced in December, 2015)				
164	Nitrobenzene	98-95-3	202-716-0	0.01
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.01
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.01
167	1,3-propanesultone	1120-71-4	214-317-9	0.01
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01
The fifteenth 1 SVHC(Announced in June, 2016)				
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.01
The sixteenth 4 SVHC(Announced in January, 2017)				
170	4,4'-isopropylidenediphenol(Bisphenol A; BPA)	80-05-7	201-245-8	0.01
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)	--	--	0.01
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	-- 206-400-3 221-470-5	0.01
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.01
The seventeenth 1 SVHC(Announced in July, 2017)				



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	--	--	0.01
The eighteenth 7 SVHC(Announced in January, 2018)				
175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropenta cyclo[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)	--	--	0.01
176	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	0.01
177	Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	0.01
178	Cadmium carbonate	513-78-0	208-168-9	0.01
179	Cadmium hydroxide	21041-95-2	244-168-5	0.01
180	Chrysene	218-01-9	205-923-4	0.01
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))	--	--	0.01
The nineteenth 10 SVHC(Announced in June, 2018)				
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (trimellitic anhydride; TMA)	552-30-7	209-008-0	0.01
183	Benzo[ghi]perylene	191-24-2	205-883-8	0.01
184	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01
185	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.01
186	Disodium octaborate	12008-41-2	234-541-0	0.01
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.01
188	Ethylenediamine (EDA)	107-15-3	203-468-6	0.01
189	Lead (Pb)	7439-92-1	231-100-4	0.01
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01
191	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.01
The twentieth 6 SVHC(Announced in January, 2019)				



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one(3-benzylidene camphor; 3-BC)	15087-24-8	239-139-9	0.01
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane(AP-5)	6807-17-6	401-720-1	0.01
194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.01
195	Fluoranthene	206-44-0, 93951-69-0	205-912-4	0.01
196	Phenanthrene	85-01-8	201-581-5	0.01
197	Pyrene	129-00-0, 1718-52-1	204-927-3	0.01
The twenty-first 4 SVHC(Announced in July, 2019)				
198	Tris(4-nonylphenyl, branched and linear) phosphite) (TNPP)	--	--	0.01
199	4-tert-butylphenol(PTBP)	98-54-4	202-679-0	0.01
200	2-methoxyethyl acetate	110-49-6	203-772-9	0.01
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	--	--	0.01
The twenty-second 4 SVHC(Announced in January , 2020)				
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophe none(CG 25-369; IRGACURE 369; TK 11-319)	119313-12-1	404-360-3	0.01
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one(ACETOCURE 97; GENOCUREPMP; IGM 4817; IRGACURE 907; SPEEDCURE 97)	71868-10-5	400-600-6	0.01
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.01
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	--	0.01
The twenty-third 4 SVHC(Announced in June , 2020)				
206	1-vinylimidazole	1072-63-5	214-012-0	0.01
207	2-methylimidazole	693-98-1	211-765-7	0.01
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.01
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.01
The twenty-fourth 2 SVHC(Announced in January , 2021)				
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
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	--	--	0.01
The twenty-fifth 8 SVHC(Announced in July , 2021)				
212	1,4-dioxane	123-91-1	204-661-8	0.01
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 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9	0.01
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--	--	0.01
215	4,4'-(1-methylpropylidene)bisphenol	77-40-7	201-025-1	0.01
216	Glutaral	111-30-8	203-856-5	0.01
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	--	--	0.01
218	Orthoboric acid, sodium salt	13840-56-7	237-560-2	0.01
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	--	--	0.01
The twenty-sixth 4 SVHC(Announced in January, 2022)				
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	--	--	0.01
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	204-327-1	0.01
222	S-(tricyclo(5.2.1.0 <sup>2,6</sup> )deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	0.01
223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
The twenty-seventh 1 SVHC(Announced in June, 2022)				
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.01
The twenty-eighth 9 SVHC(Announced in January, 2023)				
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.01
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.01
227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.01
228	Barium diboron tetraoxide	13701-59-2	237-222-4	0.01
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	--	0.01
230	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.01
231	Melamine	108-78-1	203-615-4	0.01
232	Perfluoroheptanoic acid and its salts	--	--	0.01
233	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	--	473-390-7	0.01
The twenty-ninth 2 SVHC(Announced in June, 2023)				
234	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.01
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.01
The thirty 5 SVHC(Announced in Jan, 2024)				
236	Bumetizole	3896-11-5	223-445-4	0.01
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol	3147-75-9	221-573-5	0.01
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.01
239	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.01
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	700-960-7	0.01
The thirty-first 1 SVHC(Announced in June, 2024)				



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
241	Bis(α, α-dimethylbenzyl) peroxide	80-43-3	201-279-3	0.01
The thirty-second 1 SVHC(Announced in November, 2024)				
242	Triphenyl phosphate	115-86-6	204-112-2	0.01
The thirty-third 5 SVHC(Announced in January, 2025)				
243	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	0.01
244	Perfluamine	338-83-0	206-420-2	0.01
245	Octamethyltrisiloxane	107-51-7	203-497-4	0.01
246	O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.01
247	6-[(C10-C13)-alkyl-(branched,unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.01
The thirty-fourth 3 SVHC(Announced in June, 2025)				
248	1,1,1,35,55-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	241-867-7	0.01
249	Decamethyltetrasiloxane	141-62-8	205-491-7	0.01
250	Tetra(sodium/potassium)7-[(E)-{2-acetamido-4-[(E)-4-[[4-chloro-6-({2-[(4-fluoro-6-[[4-(vinylsulfonyl)phenyl]amino)-1,3,5-triazine-2-yl]amino]propyl]amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl) diazenyl]-5-methoxyphenyl]diazenyl]-1,3,6-naphthalenetrisulfonate(Reactive Brown 51)	--	466-490-7	0.01
The thirty-fifth 1 SVHC(Announced in November, 2025)				
251	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene](DBDPE)	84852-53-9	284-366-9	0.01
The thirty-sixth 2 SVHC(Announced in February, 2026)				
252	N-hexane	110-54-3	203-777-6	0.01
253	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol(BPAF) and its salts	--	--	0.01

**The specified substances to be included in the candidate list of SVHC on ECHA's draft recommendation**

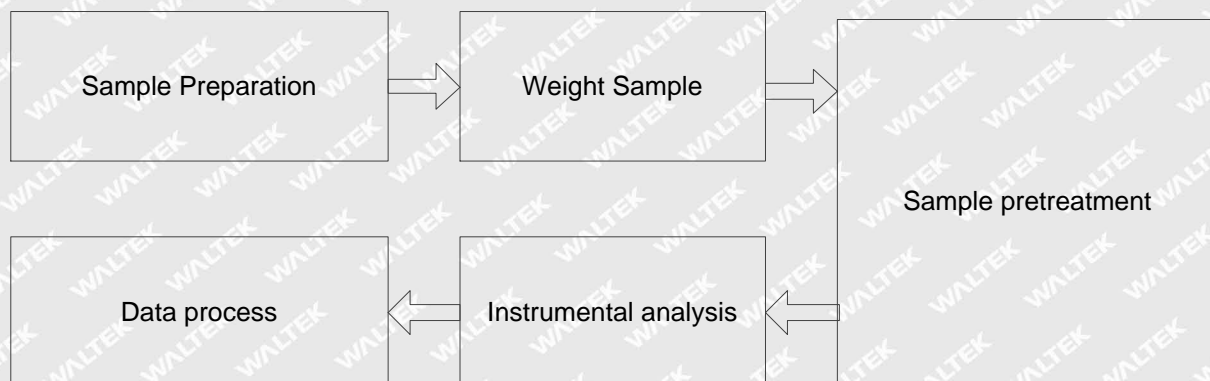
Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
1	Resorcinol	108-46-3	203-585-2	0.01



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

**Testing Flow chart:**



**Specimen Description:**

Specimen ID	Specimen No.	Specimen Description
FSW2605201024CJ. 1	1	Black plastic consumables
FSW2605201024CJ. 2	2	Apricot plastic consumables
FSW2605201024CJ. 3	3	Red plastic consumables
FSW2605201024CJ. 4	4	Brown plastic consumables
FSW2605201024CJ. 5	5	Green plastic consumables
FSW2605201024CJ. 6	6	White plastic consumables
FSW2605201024CJ. 7	7	Grey plastic consumables
FSW2605201024CJ. 8	8	Green plastic consumables
FSW2605201024CJ. 9	9	White plastic consumables
FSW2605201024CJ. 10	10	White plastic consumables
FSW2605201024CJ. 11	11	Yellow plastic consumables
FSW2605201024CJ. 12	12	Purple plastic consumables
FSW2605201024CJ. 13	13	Blue-green plastic consumables
FSW2605201024CJ. 14	14	Grey plastic consumables



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

<b>Specimen ID</b>	<b>Specimen No.</b>	<b>Specimen Description</b>
FSW2605201024CJ. 15	15	Red plastic consumables
FSW2605201024CJ. 16	16	Pink plastic consumables
FSW2605201024CJ. 17	17	Brown-yellow plastic consumables
FSW2605201024CJ. 18	18	Blue-yellow plastic consumables
FSW2605201024CJ. 19	19	Orange-pink plastic consumables
FSW2605201024CJ. 20	20	Multicolour plastic consumables
FSW2605201024CJ. 21	21	Black plastic consumables
FSW2605201024CJ. 22	22	White plastic consumables
FSW2605201024CJ. 23	23	Black plastic consumables
FSW2605201024CJ. 24	24	Off-white plastic consumables
FSW2605201024CJ. 25	25	White plastic consumables
FSW2605201024CJ. 26	26	Black plastic consumables
FSW2605201024CJ. 27	27	Black plastic consumables
FSW2605201024CJ. 28	28	Black plastic consumables
FSW2605201024CJ. 29	29	Black plastic consumables
FSW2605201024CJ. 30	30	Light brown plastic consumables
FSW2605201024CJ. 31	31	Dark blue plastic consumables
FSW2605201024CJ. 32	32	Red semi-transparent plastic consumables
FSW2605201024CJ. 33	33	Green plastic consumables
FSW2605201024CJ. 34	34	White plastic consumables
FSW2605201024CJ. 35	35	Black plastic consumables



Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

<b>Specimen ID</b>	<b>Specimen No.</b>	<b>Specimen Description</b>
FSW2605201024CJ. 36	36	Black plastic consumables
FSW2605201024CJ. 37	37	Black plastic consumables
FSW2605201024CJ. 38	38	Blue plastic consumables
FSW2605201024CJ. 39	39	Off-white plastic consumables
FSW2605201024CJ. 40	40	Grey plastic consumables
FSW2605201024CJ. 41	41	Dark green plastic consumables
FSW2605201024CJ. 42	42	Black plastic consumables
FSW2605201024CJ. 43	43	White plastic consumables
FSW2605201024CJ. 44	44	Orange plastic consumables
FSW2605201024CJ. 45	45	Green plastic consumables
FSW2605201024CJ. 46	46	Grey plastic consumables
FSW2605201024CJ. 47	47	Brown plastic consumables
FSW2605201024CJ. 48	48	Ink green plastic consumables
FSW2605201024CJ. 49	49	Blue semi-transparent plastic consumables
FSW2605201024CJ. 50	50	Light purple plastic consumables
FSW2605201024CJ. 51	51	Pink plastic consumables
FSW2605201024CJ. 52	52	Purple plastic consumables
FSW2605201024CJ. 53	53	Blue-purple plastic consumables
FSW2605201024CJ. 54	54	Multicolour plastic consumables
FSW2605201024CJ. 55	55	Pink semi-transparent plastic consumables
FSW2605201024CJ. 56	56	Purple semi-transparent plastic consumables

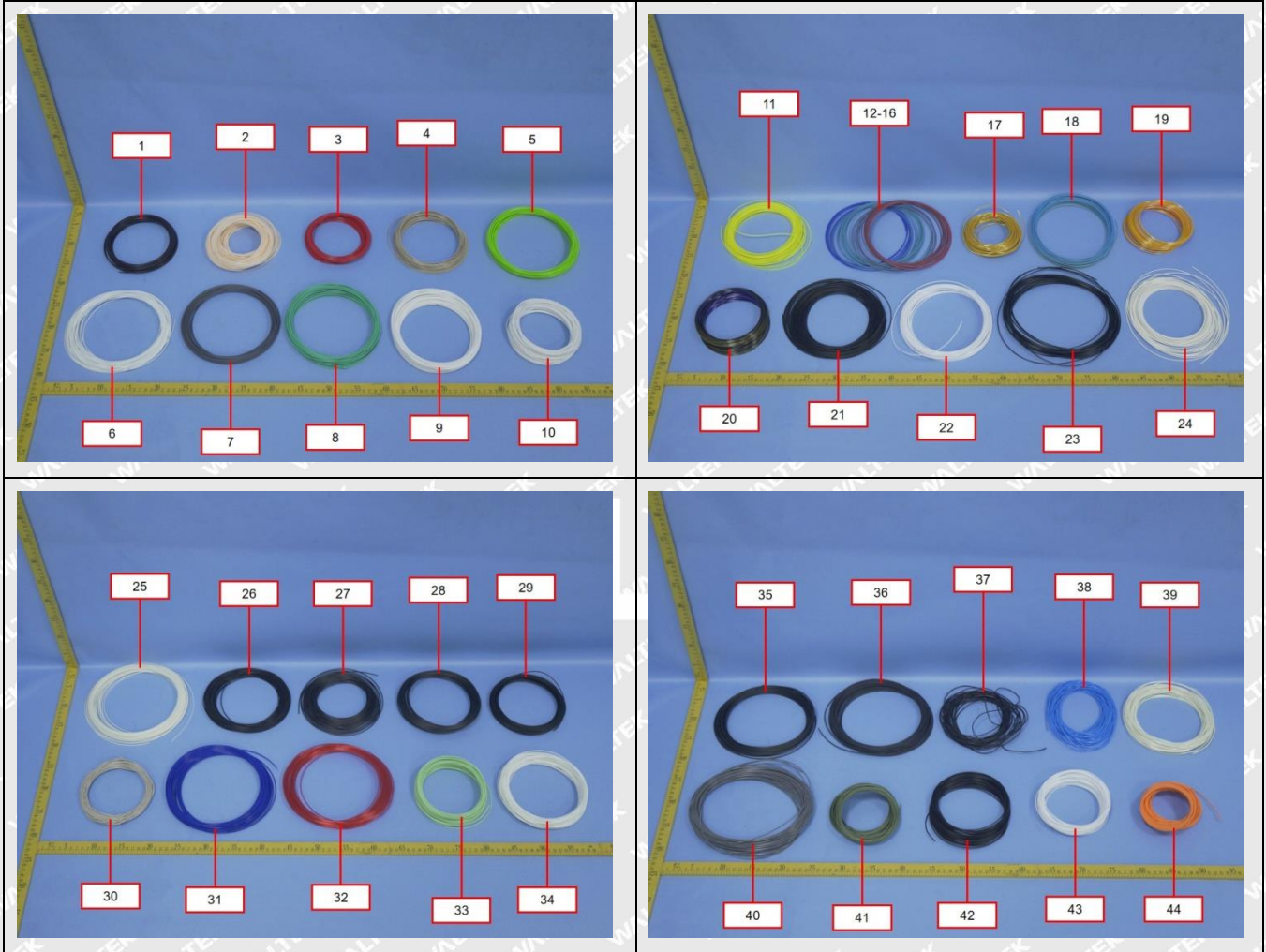


Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ

Specimen ID	Specimen No.	Specimen Description
FSW2605201024CJ. 57	57	White-green plastic consumables
FSW2605201024CJ. 58	58	Dark golden plastic consumables

**Photograph of parts tested:**





Report No.: WTF26F05140734X1C

Job No.: FSW2605201024CJ



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