



TMC Testing Services (Shenzhen) Co., Ltd.

Report No.: MK24070049P01-C02

Applicant : eLumen LED Lighting Solutions Co.,Ltd
Applicant Address : 7/F, Block C,Guan Cheng Low-carbon Industrial Park,Shangcun, Gongming Town,Guangming New District, Shenzhen, Guang Dong Province, China 518106
Manufacturer : eLumen LED Lighting Solutions Co.,Ltd
Manufacturer Address : 7/F, Block C,Guan Cheng Low-carbon Industrial Park,Shangcun, Gongming Town,Guangming New District, Shenzhen, Guang Dong Province, China 518106

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

Sample Name: Flexible Tapes
M/N: ELL-FWNF73-IN112-CC90-10-24V-4000K-1.125m-GLOB,
ELL-FWNF73-IN112-CC90-10-24V-4000K1.563m-GLOB,
ELL-FW50-INYYYRGBW-ZZZZ-AA-YY-CCT,ELL-FW35-INYYY-ZZZZ-AA-YY-CCT,
ELL-FW28XX-INYYY-ZZZZ-AA-YY-CCT,ELL-FW30/020/040-INYYY-ZZZZ-AA-YY-CCT,
ELL-FWNFFX-INYYY-ZZZZ-AA-YY-CCT, ELL-FW50-INYYY-ZZZZ-AA-YY-CCT,
ELL-FW30-INYYY-ZZZZ-AA-YY-CCT, ELL-FW35-INYYYTA-ZZZZ-AA-YY-CCT,
ELL-FW0235/31V28-INYYY-ZZZZ-AA-YY-CCT,
ELL-FW26XX-INYYY-ZZZZ-AA-YY-CCT, ELL-FW20XX-INYYY-ZZZZ-AA-YY-CCT,
ELL-FW22XX-INYYY-ZZZZ-AA-YY-CCT, ELL-FW50-INYYYRGB-ZZZZ-AA-YY-CCT,
ELL-FW16XX-INYYY-ZZZZ-AA-YY-CCT, ELL-FW28-INYYYRGB-ZZZZ-AA-YY-CCT
(XX = LED Cut & step; YYY = number of LEDs/m; ZZZ = CV80, CV90, CC80 or CC90;
AA = PCB width; YY = 12V or 24V or other V; CCT = color temp) 12/24Vdc, 0.4-2.65A,
Max. 30.72W(see report for details)

Trade Name: N/A

Sample Received Date: July 09, 2024
Testing Period: July 10, 2024-July 16, 2024
Report Date: July 16, 2024

Test Requested: Two hundred and forty (241)Substances of Very High Concern (SVHC) Based on the list Published by European Chemicals Agency (ECHA) on Oct. 28, 2008 & Jan. 13, 2010 & Mar.30, 2010 & Jun.18, 2010 & Dec.15, 2010 & Jun.20, 2011 & Dec.19, 2011 & Jun.18, 2012 & Dec. 19, 2012 & Jun. 20, 2013 & Dec.16, 2013 & Mar. 3, 2014 & Jun. 16, 2014 & Dec. 17, 2014 , Jun. 15, 2015,Dec. 17, 2015 ,Jun. 20, 2016 ,Dec. 19, 2016,Jun. 16, 2017, Dec. 20, 2017 ,Apr.28,2018,Jun.27,2018,July 16, 2019, January 16, 2020 ,June 16, 2020,January 19, 2021,July 8, 2021, January 17, 2022, June 10, 2022, January 17, 2023,June 14, 2023,January 23, 2024, June 27, 2024 for public consultation, regarding regulation (EC) No 1907/2006 concerning the REACH.

Test Method: Please refer to next page(s).

Test Result: Please refer to next page(s).

Test conclusion: Based upon the performed tests by submitted samples, the test results comply with the limits of REACH regulation (EC) No 1907/2006.

Signed for and on behalf of

Vivian Jiang
Technical Director

Test item

Sample No.	Description	Number of tested SVHC substances
1	White plastic	241 Substances of Very High Concern
2	Gum	
3	LED lamp bead	
4	Black wire	
5	Red wire	
6	SMD diode	
7	SMT transistor	
8	Reed	71 Substances of Very High Concern

Test method and Test equipment:

No.	Test Item	CAS No.	MDL (%)	Result (%)	
1	Anthracene	120-12-7	0.005	N.D.	/
2	4,4'-Diaminodiphenylmethane	101-77-9	0.005	N.D.	/
3	Dibutyl phthalate (DBP)	84-74-2	0.005	N.D.	/
4	5-tert-butyl-2,4,6-trinitro-m-Xylene(musk xylene)	81-15-2	0.005	N.D.	/
5	Di-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	0.005	N.D.	/
6	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 (134237-51-7 , 34237-50-6, 134237-52-8)	0.005	N.D.	/
7	Alkanes,C10-13,chloro(Short Chain Chlorinated Paraffins)	85535-84-8	0.01	N.D.	/
8	Benzyl butyl phthalate (BBP)	85-68-7	0.005	N.D.	/
9	Bis(tributyltin)oxide	56-35-9	0.005	N.D.	N.D.
10	Cobalt dichloride	7646-79-9	0.005	N.D.	N.D.
11	Diarsenic pentaoxide	1303-28-2	0.005	N.D.	N.D.
12	Diarsenic trioxide	1327-53-3	0.005	N.D.	N.D.
13	Triethyl arsenate	15606-95-8	0.005	N.D.	N.D.
14	Lead hydrogen arsenate	7784-40-9	0.005	N.D.	N.D.

No.	Test Item	CAS No.	MDL (%)	Result (%)	
15	Sodium dichromate, dihydrate	10588-01-9	0.005	N.D.	N.D.
16	Anthracene oil	90640-80-5	0.005	N.D.	/
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	0.005	N.D.	/
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.005	N.D.	/
19	Anthracene oil, anthracene-low	90640-82-7	0.005	N.D.	/
20	Anthracene oil, anthracene paste	90640-81-6	0.050	N.D.	/
21	Diisobutyl phthalate	84-69-5	0.005	N.D.	/
22	2,4-Dinitrotoluene	121-14-2	0.005	N.D.	/
23	coal tar pitch,high temperature	65996-93-2	0.050	N.D.	/
24	tris(2-chloroethyl)phosphate	115-96-8	0.005	N.D.	/
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	0.005	N.D.	N.D.
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	0.005	N.D.	N.D.
27	Lead chromate	7758-97-6	0.005	N.D.	N.D.
28	Acrylamide	79-06-1	0.005	N.D.	/
29	Trichloroethylene	79-01-6	0.005	N.D.	/
30	Boric acid	11113-50-1	0.005	N.D.	N.D.
31	Disodium tetraborate, anhydrous	12179-04-3	0.005	N.D.	N.D.
32	tetraboron disodium heptaoxide hydrate	12267-73-1	0.005	N.D.	N.D.
33	Sodium chromate	7775-11-3	0.005	N.D.	N.D.

No.	Test Item	CAS No.	MDL (%)	Result (%)	
34	Potassium chromate	7789-00-6	0.005	N.D.	N.D.
35	Ammonium dichromate	7789-09-5	0.005	N.D.	N.D.
36	Potassium dichromate	7778-50-9	0.005	N.D.	N.D.
37	Cobalt sulfate	10124-43-3	0.005	N.D.	N.D.
38	Cobalt dinitrat	10141-05-6	0.005	N.D.	N.D.
39	Cobalt carbonate	513-79-1	0.005	N.D.	N.D.
40	Cobalt diacetate	71-48-7	0.005	N.D.	N.D.
41	2-Methoxyethanol	109-86-4	0.005	N.D.	/
42	2-Ethoxyethanol	110-80-5	0.005	N.D.	/
43	Chromium trioxide	1333-82-0	0.005	N.D.	N.D.
44	Chromic acid	7738-94-5	0.005	N.D.	N.D.
	Dichromic acid	13530-68-2			
	Oligomers of chromic acid and dichromic acid	--			
45	2-ethoxyethyl acetate	111-15-9	0.005	N.D.	/
46	strontium chromate	7789-06-2	0.005	N.D.	N.D.
47	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters	68515-42-4	0.005	N.D.	/
48	Hydrazine	7803-57-8	0.005	N.D.	/
		302-01-2			
49	1-Methyl-2-pyrrolidinone	872-50-4	0.005	N.D.	/
50	1,2,3-trichloropropane	96-18-4	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
51	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters,C7-rich	71888-89-6	0.005	N.D.	/
52	Zirconia Aluminosilicate Refractory Ceramic Fibres	--	0.005	N.D.	N.D.
53	Calcium arsenate	7778-44-1	0.005	N.D.	N.D.
54	Bis(2-methoxyethyl) ether	111-96-6	0.005	N.D.	/
55	Aluminosilicate Refractory Ceramic Fibres	--	0.005	N.D.	N.D.
56	Chromate, hydroxyoctaoxodizincatedi-, potassium	11103-86-9	0.005	N.D.	N.D.
57	Lead dipicrate	6477-64-1	0.005	N.D.	N.D.
58	N,N-dimethylacetamide	127-19-5	0.005	N.D.	/
59	Arsenic acid	7778-39-4	0.005	N.D.	N.D.
60	2-Methoxyaniline; o-Anisidine	90-04-0	0.005	N.D.	/
61	Trilead diarsenate	3687-31-8	0.005	N.D.	N.D.
62	1,2-dichloroethane	107-06-2	0.005	N.D.	/
63	Pentazinc chromate octahydroxide	49663-84-5	0.005	N.D.	N.D.
64	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.005	N.D.	/
65	Formaldehyde, oligomeric reaction products aniline	25214-70-4	0.005	N.D.	/
66	Bis(2-methoxyethyl) phthalate	117-82-8	0.005	N.D.	/
67	Lead diazide, Lead azide	13424-46-9	0.005	N.D.	N.D.
68	Lead styphnate	15245-44-0	0.005	N.D.	N.D.

No.	Test Item	CAS No.	MDL (%)	Result (%)	
69	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.005	N.D.	/
70	Phenolphthalein	77-09-8	0.005	N.D.	/
71	Dichromium tris(chromate)	24613-89-6	0.005	N.D.	N.D.
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.005	N.D.	/
73	1,2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME)	110-71-4	0.005	N.D.	/
74	Diboron trioxide	1303-86-2	0.005	N.D.	N.D.
75	Formamide	75-12-7	0.005	N.D.	/
76	Lead(II)bis(methanesulfonate)	17570-76-2	0.005	N.D.	N.D.
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.005	N.D.	/
78	β-TGIC(1,3,5-tris [(2Sand2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	0.005	N.D.	/
79	4,4'-bis(dimethylamino) benzophenone(Michler's ketone)	90-94-8	0.005	N.D.	/
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.005	N.D.	/
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
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	0.005	N.D.	/
83	α,α -Bis[4-(dimethylamino)phenyl] -4 (phenylamino)naphthalene -1-methanol (C.I. Solvent Blue 4)	6786-83-0	0.005	N.D.	/
84	4,4'-bis(dimethylamino)-4''-(methylamin o)trityl alcohol	561-41-1	0.005	N.D.	/
85	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3- oxazolidine	143860-04-2	0.005	N.D.	N.D.
86	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	0.005	N.D.	N.D.
87	N-methylacetamide	79-16-3	0.005	N.D.	/
88	Pentalead tetraoxide sulphate	12065-90-6	0.005	N.D.	/
89	Biphenyl-4-ylamine	202-177-1	0.005	N.D.	N.D.
90	Dinoseb	88-85-7	0.005	N.D.	N.D.
91	Dioxobis(stearato)trilead	12578-12-0	0.005	N.D.	N.D.
92	Lead dinitrate	10099-74-8	0.005	N.D.	/
93	Tetralead trioxide sulphate	12202-17-4	0.005	N.D.	/
94	Lead oxide (lead monoxide)	1317-36-8	0.005	N.D.	N.D.
95	Lead titanium trioxide	12060-00-3	0.005	N.D.	N.D.
96	4,4'-methylenedi-o-toluidine	838-88-0	0.005	N.D.	/
97	Acetic acid, lead salt, basic	51404-69-4	0.005	N.D.	N.D.

No.	Test Item	CAS No.	MDL (%)	Result (%)	
98	Dimethyl sulphate	77-78-1	0.005	N.D.	/
99	Furan	110-00-9	0.005	N.D.	/
100	Pyrochlore, antimony lead yellow	8012-00-8	0.005	N.D.	/
101	Tetraethyllead	78-00-2	0.005	N.D.	N.D.
102	[Phthalato(2-)]dioxotrilead	69011-06-9	0.005	N.D.	N.D.
103	Diethyl sulphate	64-67-5	0.005	N.D.	/
104	Lead cyanamidate	20837-86-9	0.005	N.D.	N.D.
105	Silicic acid, barium salt, lead-doped	68784-75-8	0.005	N.D.	N.D.
106	Trilead dioxide phosphonate	12141-20-7	0.005	N.D.	N.D.
107	o-Toluidine; 2-Aminotoluene	95-53-4	0.005	N.D.	/
108	o-aminoazotoluene	97-56-3	0.005	N.D.	/
109	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-03	0.005	N.D.	/
110	6-methoxy-m-toluidine (p-cresidine)	120-71-8	0.005	N.D.	/
111	Dibutyltin dichloride (DBT)	683-18-1	0.005	N.D.	N.D.
112	Lead Titanium Zirconium Oxide	12626-81-2	0.005	N.D.	N.D.
113	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	0.005	N.D.	/
114	1-bromopropane	106-94-5	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
115	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	0.005	N.D.	N.D.
116	Fatty acids, C16-18, lead salts	91031-62-8	0.005	N.D.	N.D.
117	Lead tetroxide (orange lead)	1314-41-6	0.005	N.D.	N.D.
118	Sulfurous acid, lead salt, dibasic	62229-08-7	0.005	N.D.	N.D.
119	4,4'-oxydianiline and its salts	101-80-4	0.005	N.D.	/
120	lead oxide sulphate	12036-76-9	0.005	N.D.	N.D.
121	Lead bis(tetrafluoroborate)	13814-96-6	0.005	N.D.	N.D.
122	Silicic acid, lead salt	11120-22-2	0.005	N.D.	N.D.
123	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.005	N.D.	/
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.	/
125	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.005	N.D.	/
126	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	--	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
127	1,2-Diethoxyethane	629-14-1	0.005	N.D.	/
128	Hexahydromethylphthalic anhydride	25550-51-0	0.005	N.D.	/
	Hexahydro-4-methylphthalic anhydride	19438-60-9			
	Hexahydro-1-methylphthalic anhydride	48122-14-1			
	Hexahydro-3-methylphthalic anhydride	57110-29-9			
129	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	0.005	N.D.	/
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.005	N.D.	/
131	N-pentyl-isopentylphthalate	--	0.005	N.D.	/
132	Heptacosafuorotetradecanoic acid	376-06-7	0.005	N.D.	/
133	Pentacosafuorotridecanoic acid	72629-94-8	0.005	N.D.	/
134	Henicosafuoroundecanoic acid	2058-94-8	0.005	N.D.	/
135	Tricosafuorododecanoic acid	307-55-1	0.005	N.D.	/
136	Methoxy acetic acid	625-45-6	0.005	N.D.	/
137	Diisopentylphthalate	605-50-5	0.005	N.D.	/
138	N,N-dimethylformamide; dimethyl formamide	68-12-2	0.005	N.D.	/
139	Cadmium	7440-43-9	0.005	N.D.	N.D.
140	Cadmium oxide	1306-19-0	0.005	N.D.	N.D.
141	Dipentyl phthalate (DPP)	131-18-0	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
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.	/
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.005	N.D.	/
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.005	N.D.	/
145	Cadmium Sulfide	1306-23-6	0.005	N.D.	N.D.
146	Di-N-Hexyl Phthalate	84-75-3	0.005	N.D.	/
147	Direct Red 28	573-58-0	0.005	N.D.	/
148	Direct Black 38	1937-37-7	0.005	N.D.	/
149	Ethlenethiourea	96-45-7	0.005	N.D.	/
150	Acetic Acid	301-04-2	0.005	N.D.	N.D.
151	Trixylyl Phosphate	25155-23-1	0.005	N.D.	/
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4.	0.005	N.D.	/
153	Cadmium chloride	10108-64-2.	0.005	N.D.	N.D.
154	Sodium perborate; perboric acid, sodium salt	--	0.005	N.D.	N.D.
155	Sodium peroxometaborate	7632-4-4	0.005	N.D.	N.D.
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.005	N.D.	N.D.

No.	Test Item	CAS No.	MDL (%)	Result (%)	
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.005	N.D.	N.D.
158	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	0.005	N.D.	/
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentyl phenol (UV-328)	25973-55-1	0.005	N.D.	/
160	Cadmium fluoride	7790-79-6	0.005	N.D.	/
161	Cadmium sulphate	10124-36-4, 31119-53-6	0.005	N.D.	/
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5, 68648-93-1	0.005	N.D.	/
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]	--	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
164	Nitrobenzene	98-95-3	0.005	N.D.	/
165	4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	3864-99-1	0.005	N.D.	/
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	136437-37-3	0.005	N.D.	/
167	3-propanesultone	1120-71-4	0.005	N.D.	/
168	Perfluorononan-1-oic acid	375-95-1 21049-39-8 4149-60-4	0.005	N.D.	/
169	Benzo(a)pyrene	50-32-8	0.005	N.D.	/
170	Bisphenol A	80-05-7	0.005	N.D.	/
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2	0.005	N.D.	/
172	4-heptylphenol, branched and linear (4-HPbl)	--	0.005	N.D.	/
173	4-tert-Amylphenol (PTAP)	80-46-6	0.005	N.D.	/
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	--	0.005	N.D.	/
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(“DechloranePlus” TM)[covering any of its individual anti-and syn-isomers or any combination thereof].	--	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
176	Benz[a]anthracene	56-55-3	0.005	N.D.	/
177	Cadmiumnitrate	10325-94-7	0.005	N.D.	/
178	Cadmiumcarbonate	513-78-0	0.005	N.D.	/
179	Cadmiumhydroxide	21041-95-2	0.005	N.D.	/
180	Chrysene	218-01-9	0.005	N.D.	/
181	Reactionproductsof1,3,4-thiadiazolidine-2,5-dithione,formaldehydeand4-heptylphenol,branchedandlinear(RP-HP)[with \geq 0.1%w/w4-heptylphenol,branchedand linear].	-	0.005	N.D.	/
182	1,2,4-tricarboxylic acid 1,2 anhydride(trimellitic anhydride)	209-008-0	0.005	N.D.	/
183	Dicyclohexyl phthalate(DCHP)	201-545-9	0.005	N.D.	/
184	Benzo (g hi) perylene	191-24-2	0.005	N.D.	/
185	Decamethylcyclopentasiloxane(D5)	541-02-6	0.005	N.D.	/
186	Disodium octaborate	12008-41-2	0.001	N.D.	N.D.
187	Dodecylmethylcyclohexasiloxane(D6)	540-97-6	0.005	N.D.	/
188	Ethylenediamine	107-15-3	0.005	N.D.	/
189	Lead	7439-92-1	0.001	N.D.	N.D.
190	Octacyclotetrasiloxane (D4)	556-67-2	0.005	N.D.	/
191	Terphenyl hydrogenated	61788-32-7	0.005	N.D.	/
192	2,2-bis (4-hydroxyphenyl)-4-methylpentane	6807-17-6	0.005	N.D.	/
193	Benzo [k] fluoranthene	207-08-9	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
194	fluoranthene	206-44-0	0.005	N.D.	/
195	phenanthrene	85-01-8	0.005	N.D.	/
196	pyrene	129-00-0	0.005	N.D.	/
197	1,7,7-trimethyl-3-(phenylmethylene) Bicyclic [2.2.1] heptane-2-one	15087-24-8	0.005	N.D.	/
198	HFPO-DA 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.	/
199	2-Methoxyethyl Acetate	110-49-6	0.005	N.D.	/
200	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.	/
201	4-tert-Butylphenol(PTBP)	98-54-4	0.005	N.D.	/
202	2-benzyl-2-dimethylimino-4'-morpholinobutyronenone	119313-12-1	0.005	N.D.	/
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.005	N.D.	/
204	Diisohexyl phthalate	17850-09-4	0.005	N.D.	/
205	Perfluorobutane sulfonic acid(PFBS) and its salts	--	0.005	N.D.	/
206	1-vinylimidazole	1072-63-5	0.005	N.D.	/
207	2-methylimidazole	693-98-1	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
208	Buryl 4-hydroxybenzoate	94-26-8	0.005	N.D.	/
209	Dibutylbis(pentane-2,4-dionato-0,0')tin	22673-19-4	0.005	N.D.	/
210	Resorcine	143-24-8	0.005	N.D.	/
211	Dioctytin dilaurate, stannane, dioctyl-s(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs, wherein C12 is the predominant carbon number of the fatty acyloxy moiety	--	0.005	N.D.	/
212	1,4-dioxane	123-91-1	0.005	N.D.	/
213	2,2-bis(bromomethyl)propane 1,3-diol (BMP)	3296-90-0	0.005	N.D.	/
	2,2-Dimethylpropane-1-ol, tribromo derivative/ 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	36483-57-5/1 522-92-5	0.005	N.D.	/
	2, 3-Dibromo-1-propanol (2,3-DBPA)	96-13-9	0.005	N.D.	/
214	2-(4-tert-butylbenzyl) propanal and its individual stereoisomers	--	0.005	N.D.	/
215	4,4'-(1-methylpropylene) bisphenol; (bisphenol B)	77-40-7	0.005	N.D.	/
216	Glutaraldehyde	111-30-8	0.005	N.D.	/
217	Medium chain chlorinated paraffin (MCCP) [UVCB substance contains more than or equal to 80% linear chlorinated alkanes, and the carbon chain length is in the range of C14 to C17]	--	0.005	N.D.	/
218	Orthoboric acid, sodium salt	13840-56-7	0.005	N.D.	/

No.	Test Item	CAS No.	MDL (%)	Result (%)	
219	Phenol alkylation products (mainly in the para position) with branched or linear alkyl chains rich in C12 from oligomerization, covering any individual isomers and/or combinations thereof (PDDP)	--	0.005	N.D.	/
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)	/	0.005	N.D.	/
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.005	N.D.	/
222	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl)O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	0.005	N.D.	/
223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.005	N.D.	/
224	N-(hydroxymethyl)acrylamide	924-42-5	0.005	N.D.	N.D.
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	0.005	N.D.	/
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.005	N.D.	/
227	4,4'-sulphonyldiphenol	80-09-1	0.005	N.D.	/
228	Barium diboron tetraoxide	13701-59-2	0.005	N.D.	/
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	/	0.005	N.D.	/
230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.005	N.D.	/
231	Melamine	108-78-1	0.005	N.D.	/

232	Perfluoroheptanoic acid and its salts	/	0.005	N.D.	/
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	/	0.005	N.D.	/
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.005	N.D.	/
235	bis(4-chlorophenyl) sulphone	80-07-9	0.005	N.D.	/
236	2,4,6-tri-tert-butylphenol	732-26-3	0.005	N.D.	/
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	0.005	N.D.	/
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.005	N.D.	/
239	Bumetrizole	3896-11-5	0.005	N.D.	/
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	/	0.005	N.D.	/
241	Bis(a,a-dimethylbenzyl)peroxide	80-43-3	0.005	N.D.	/

Note:

1. Sample for Ethylene glycol ether and water solution
2. Nonmetal include: [According to the head of plastic(PC), Internal localizer(polyoxymethylene), Under the base(PC), Micro shell(PC), Waterproof circle(silica gel)]
3. “**”=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.
4. “***”= Calculated concentration of cobalt dichloride is based on the identified heavy metal and anion result. Calculated concentration of diarsenic pentaoxide, diarsenic trioxide, sodium dichromate, dehydrate, Lead hydrogen arsebnate and triethyl arsenate are based on the identified heavy metal result.
5. Definition of classification of this report in accordance with 67/548/EEC and Regulation (EC) No.1907/2006.

6. Test Method : Analyzed by ICP-AES,UV-VIS,GC-MS,HPLC-DAD/MS and Colorimetric Method.

7. A= Nonmetallic material; B=metallic material

8. MDL = Method Detection Limit

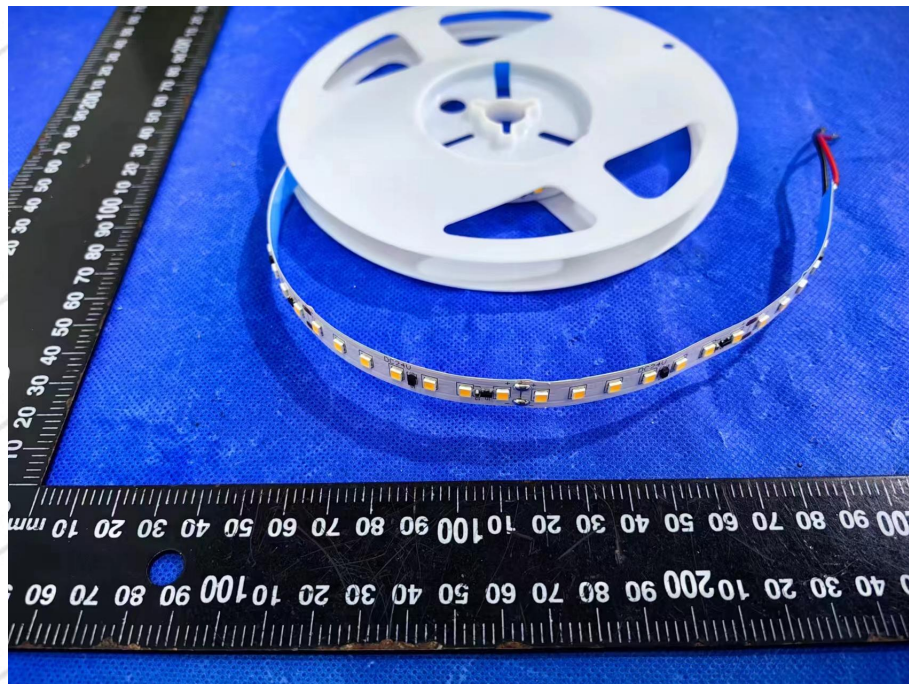
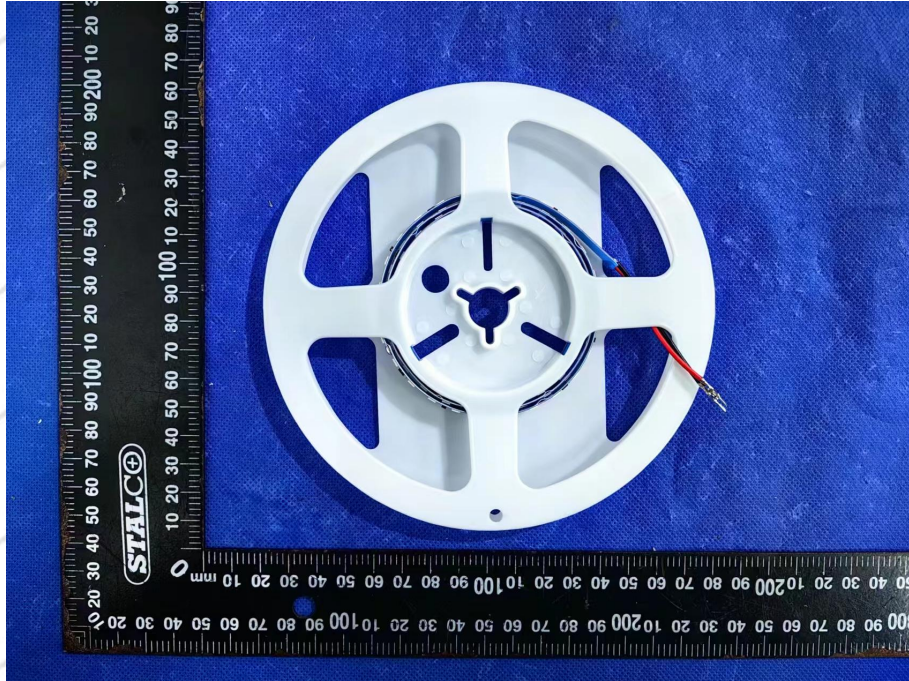
9. N.D.= Not Detected(<MDL)

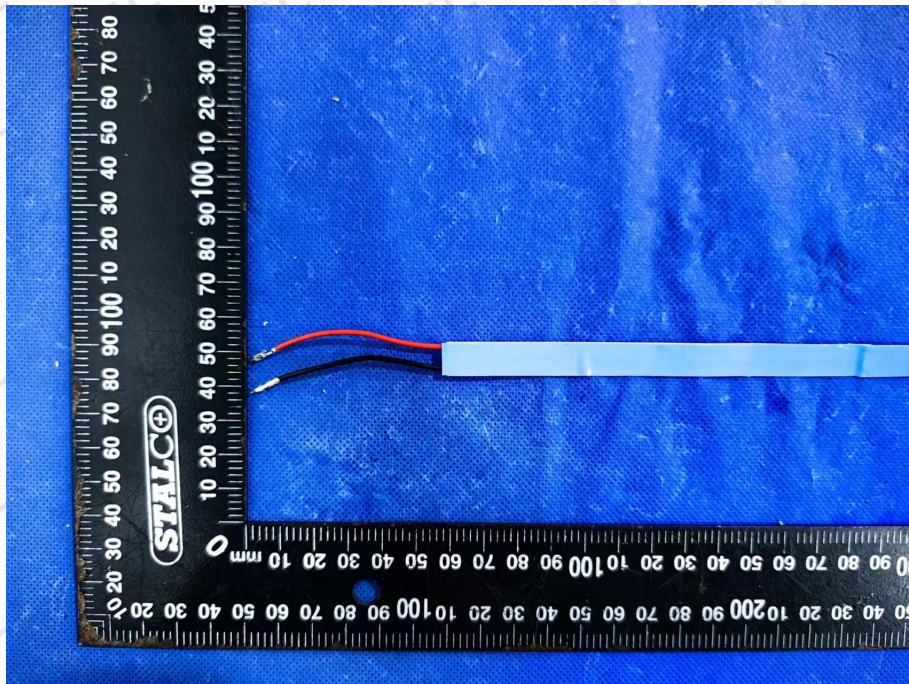
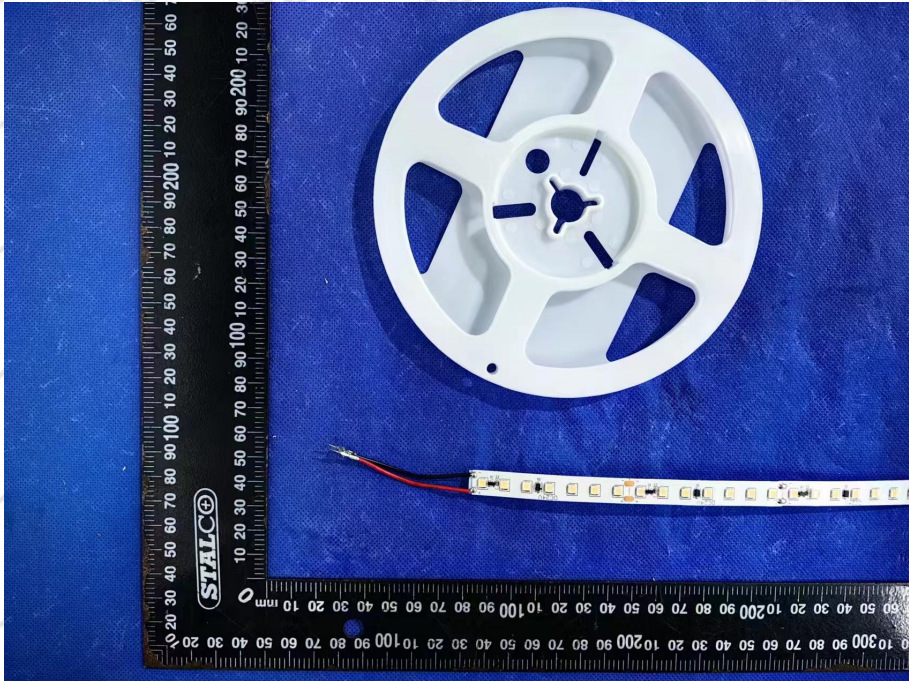
Remarks:

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) 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.

Sample Photo:





*** End of Report ***