

**Test Report**

Report No.:

210712044SZN-002

Issue date:

Jul. 22, 2021

Applicant:

**BEAMEVER INC.**

100 N Howard St Ste R, Spokane, WA 99201-0508 USA

**Sample Description:**

Test item description.....: **LED CLICK LINE, NOVA TAPE, LINIO NEON 1615 TV, LINIO NEON 1220 SV**

Model/Type reference No.....: **2835, COB**

Reference Model No.....: **See Annex**

Date of Sample Received.....: Jul. 12, 2021

Testing Period .....: Jul. 12, 2021 to Jul. 20, 2021

**Tests conducted:**

As requested by the applicant, refer to following page(s) for details.

**Conclusion:**

Tested sample	Standard	Result
Tested components of submitted sample	EU REACH Regulation (EC) No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH and WFD requirement in report for details)	See test conducted

Authorized by:  
For Intertek Testing Services  
Shenzhen Ltd.



Navy Wang  
Engineer



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**219 SVHC Testing Results**

By Inductively Coupled Plasma Optical Emission Spectrometry, Ion Chromatography, UV-Visible Spectrophotometry, Gas Chromatographic - Mass Spectrometry, Liquid Chromatographic / Tandem Mass Spectrometer and High Performance Liquid Chromatography analysis.

Chemical Substance	Result %(w/w) $\theta$
	(1+2+3+6+7+10+11+12+14+16), (4+13+29), (5+8+9+15+18+23+26+28+30+31), (32)
Tested SVHCs in Chemical list	ND

Chemical Substance	Result %(w/w)	
	(17+19+20+21+22+24+25+27)	(33)
No. 13 SVHC in Chemist list	0.022#	ND
No. 15 SVHC in Chemist list	0.026#	ND
No. 186 SVHC in Chemist list	ND	0.024
Other tested SVHCs in Chemical list	ND	ND

- SVHC = Substance of very high concern
- ND = Not detected.
- Reporting limit = 0.010%
- $\theta$  = Single result for each test component/group
- # = The result of the mixed sample (17+19+20+21+22+24+25+27) did not exceed the limit, nevertheless it exceeded the limit /n (n is the number of the mixed samples). With consideration to dilution factor in a mixed testing, there may be one or more samples failed to meet the requirement.

**219 SVHC Chemical list**

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	Cobalt Dichloride $\Delta$	7646-79-9	2	Diarsenic Pentaoxide $\Delta$	1303-28-2
3	Diarsenic Trioxide $\Delta$	1327-53-3	4	Lead Hydrogen Arsenate $\Delta$	7784-40-9
5	Triethyl Arsenate $\Delta$	15606-95-8	6	Sodium Dichromate $\Delta$	7789-12-0, 10588-01-9
7	Bis (Tributyltin) Oxide (TBTO) $\Delta$	56-35-9	8	Anthracene	120-12-7
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7

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**219 SVHC Chemical list (Cont')**

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
13	Dibutyl Phthalate (DBP)	84-74-2	14	Benzyl Butyl Phthalate (BBP)	85-68-7
15	Short Chain Chlorinated Paraffins (C10-13)	85535-84-8	16	Lead Chromate Δ	7758-97-6
17	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ	12656-85-8	18	Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) Δ	1344-37-2
19	Tris (2-Chloroethyl) Phosphate	115-96-8	20	2,4-Dinitrotoluene	121-14-2
21	Diisobutyl Phthalate (DIBP)	84-69-5	22	Coal Tar Pitch, High Temperature	65996-93-2
23	Anthracene Oil	90640-80-5	24	Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4
25	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	26	Anthracene Oil, Anthracene-low	90640-82-7
27	Anthracene Oil, Anthracene Paste	90640-81-6	28	Acrylamide	79-06-1
29	Boric Acid Δ	10043-35-3, 11113-50-1	30	Disodium Tetraborate, Anhydrous Δ	1330-43-4, 12179-04-3, 1303-96-4
31	Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1	32	Sodium Chromate Δ	7775-11-3
33	Potassium Chromate Δ	7789-00-6	34	Ammonium Dichromate Δ	7789-09-5
35	Potassium Dichromate Δ	7778-50-9	36	Trichloroethylene	79-01-6
37	2-Methoxyethanol	109-86-4	38	2-Ethoxyethanol	110-80-5
39	Cobalt Sulphate Δ	10124-43-3	40	Cobalt Dinitrate Δ	10141-05-6
41	Cobalt Carbonate Δ	513-79-1	42	Cobalt Diacetate Δ	71-48-7
43	Chromium Trioxide Δ	1333-82-0	44	Chromic Acid Δ Dichromic Acid Δ Oligomers of Chromic Acid and Dichromic Acid Δ	7738-94-5 13530-68-2 --
45	Strontium ChromateΔ	7789-06-2	46	2-ethoxyethyl acetate (2-EEA)	111-15-9
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	48	Hydrazine	7803-57-8 302-01-2
49	1-methyl-2-pyrrolidone	872-50-4	50	1,2,3-trichloropropane	96-18-4
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	52	Lead dipicrateΔ	6477-64-1
53	Lead styphnateΔ	15245-44-0	54	Lead azide; Lead diazideΔ	13424-46-9

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**219 SVHC Chemical list (Cont')**

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
55	Phenolphthalein	77-09-8	56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
57	N,N-dimethylacetamide (DMAC)	127-19-5	58	Trilead diarsenate $\Delta$	3687-31-8
59	Calcium arsenate $\Delta$	7778-44-1	60	Arsenic acid $\Delta$	7778-39-4
61	Bis(2-methoxyethyl) ether	111-96-6	62	1,2-Dichloroethane	107-06-2
63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	64	2-Methoxyaniline; o-Anisidine	90-04-0
65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
67	Pentazinc chromate octahydroxide $\Delta$	49663-84-5	68	Potassium hydroxyoctaoxodizincate dichromate $\Delta$	11103-86-9
69	Dichromium tris(chromate) $\Delta$	24613-89-6	70	Aluminosilicate Refractory Ceramic Fibres $\Delta$	(Index No. 650-017-00-8)
71	Zirconia Aluminosilicate Refractory Ceramic Fibres $\Delta$	(Index No. 650-017-00-8)	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	74	Diboron trioxide $\Delta$	1303-86-2
75	Formamide	75-12-7	76	Lead(II) bis(methanesulfonate) $\Delta$	17570-76-2
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	78	$\beta$ -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
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	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

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**219 SVHC Chemical list (Cont')**

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
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	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
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	86	Pentacosafuorotridecanoic acid	72629-94-8
87	Tricosafuorododecanoic acid	307-55-1	88	Henicosafuoroundecanoic acid	2058-94-8
89	Heptacosafuorotetradecanoic acid	376-06-7	90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
91	Cyclohexane-1,2-dicarboxylic anhydride [1]  cis-cyclohexane-1,2-dicarboxylic anhydride [2]  trans-cyclohexane-1,2-dicarboxylic anhydride [3]  [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].	85-42-7  13149-00-3  14166-21-3	92	Hexahydromethylphthalic anhydride [1],  Hexahydro-4-methylphthalic anhydride [2],  Hexahydro-1-methylphthalic anhydride [3],  Hexahydro-3-methylphthalic anhydride [4]  [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0  19438-60-9  48122-14-1  57110-29-9
93	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]	--	94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  [covering well-defined substances and UVCB substances, polymers and homologues]	--

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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
95	Methoxyacetic acid	625-45-6	96	N,N-dimethylformamide	68-12-2
97	Dibutyltin dichloride (DBTC) Δ	683-18-1	98	Lead monoxide (Lead oxide) Δ	1317-36-8
99	Orange lead (Lead tetroxide) Δ	1314-41-6	100	Lead bis(tetrafluoroborate) Δ	13814-96-5
101	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	102	Lead titanium trioxideΔ	12060-00-3
103	Lead titanium zirconium oxideΔ	12626-81-2	104	Silicic acid, lead salt Δ	11120-22-2
105	Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-dopedΔ  [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	106	1-bromopropane (n-propyl bromide)	106-94-5
107	Methyloxirane (Propylene oxide)	75-56-9	108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
109	Diisopentylphthalate (DIPP)	605-50-5	110	N-pentyl-isopentylphthalate	776297-69-9
111	1,2-diethoxyethane	629-14-1	112	Acetic acid, lead salt, basicΔ	51404-69-4
113	Lead oxide sulfateΔ	12036-76-9	114	[Phthalato(2-)]dioxotrileadΔ	69011-06-9
115	Dioxobis(stearato)trileadΔ	12578-12-0	116	Fatty acids, C16-18, lead saltsΔ	91031-62-8
117	Lead cyanamateΔ	20837-86-9	118	Lead dinitrateΔ	10099-74-8
119	Pentalead tetraoxide sulphateΔ	12065-90-6	120	Pyrochlore, antimony lead yellowΔ	8012-00-8

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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
121	Sulfurous acid, lead salt, dibasic $\Delta$	62229-08-7	122	Tetraethyllead $\Delta$	78-00-2
123	Tetralead trioxide sulphate $\Delta$	12202-17-4	124	Trilead dioxide phosphonate $\Delta$	12141-20-7
125	Furan	110-00-9	126	Diethyl sulphate	64-67-5
127	Dimethyl sulphate	77-78-1	128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	130	4,4'-methylenedi-o-toluidine	838-88-0
131	4,4'-oxydianiline and its salts	101-80-4	132	4-aminoazobenzene	60-09-3
133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	134	6-methoxy-m-toluidine (p- cresidine)	120-71-8
135	Biphenyl-4-ylamine	92-67-1	136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	97-56-3
137	o-toluidine	95-53-4	138	N-methylacetamide	79-16-3
139	Cadmium $\Delta$	7440-43-9	140	Cadmium oxide $\Delta$	1306-19-0
141	Dipentyl phthalate (DPP)	131-18-0	142	4-Nonylphenol, branched and linear, ethoxylated <i>[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]</i>	--
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1

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**219 SVHC Chemical list (Cont')**

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
145	Cadmium sulphide $\Delta$	1306-23-6	146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
147	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	148	Dihexyl phthalate (DnHP)	84-75-3
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	150	Lead di(acetate) $\Delta$	301-04-2
151	Trixylyl phosphate	25155-23-1	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (Diisohexyl phthalate(DIHP))	68515-50-4
153	Cadmium chloride $\Delta$	10108-64-2	154	Sodium perborate; perboric acid, sodium salt $\Delta$	--
155	Sodium peroxometaborate $\Delta$	7632-04-4	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
157	2-benzotriazol-2-yl-4,6-ditert-butylphenol (UV-320)	3846-71-7	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
159	Cadmium fluoride $\Delta$	7790-79-6	160	Cadmium sulphate $\Delta$	10124-36-4; 31119-53-6
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)	15571-58-1; 27107-89-7	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 (EC No. 201-559-5)	68515-51-5 68648-93-1

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**219 SVHC Chemical list (Cont')**

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
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]	117933-89-8	164	Nitrobenzene	98-95-3
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	1,3-propanesultone	1120-71-4	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4
169	Benzo[def]chrysene(Benzo[a]pyrene)	50-32-8	170	4,4'-isopropylidenediphenol (Bisphenol A)	80-05-7
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3108-42-7 3830-45-3	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]	--
173	p-(1,1 dimethylpropyl)phenol	80-46-6	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4
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]	13560-89-9 ; 135821-74-8 ; 135821-03-3	176	Benz[a]anthracene	56-55-3
177	Cadmium nitrate $\Delta$	10325-94-7	178	Cadmium carbonate $\Delta$	513-78-0

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**219 SVHC Chemical list (Cont')**

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
179	Cadmium hydroxide $\Delta$	21041-95-2	180	Chrysene	218-01-9
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]	--	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA)	552-30-7
183	Dicyclohexyl phthalate (DCHP)	84-61-7	184	Octamethylcyclotetrasiloxane (D4)	556-67-2
185	Decamethylcyclopentasiloxane (D5)	541-02-6	186	Dodecamethylcyclohexasiloxane (D6)	540-97-6
187	Lead	7439-92-1	188	Disodium octaborate $\Delta$	12008-41-2
189	Benzo[ghi]perylene	191-24-2	190	Terphenyl hydrogenate	61788-32-7
191	Ethylenediamine (EDA)	107-15-3	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	194	Benzo[k]fluoranthene	207-08-9
195	Fluoranthene	206-44-0	196	Phenanthrene	85-01-8
197	Pyrene	129-00-0	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)	--
199	4-tert-butylphenol (PTBP)	98-54-4	200	2-methoxyethyl acetate	110-49-6
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	--	202	Diisohexyl phthalate	71850-09-4
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5

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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	206	1-vinylimidazole	1072-63-5
207	2-methylimidazole	693-98-1	208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
209	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8
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	--	212	1,4-dioxane	123-91-1
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	214	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	--
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	216	Glutaral	111-30-8
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]	--	218	Orthoboric acid, sodium salt	13840-56-7
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)	--	--	--	--
- Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.					

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**Tested Components:**

- (1) White soft plastic with black printing.
- (2) Transparent soft plastic.
- (3) Transparent plastic sheet.
- (4) PCB with electrolytic components.
- (5) Solder.
- (6) Red plastic (wire covering).
- (7) Black plastic (wire covering).
- (8) Silver color metal wire.
- (9) Silver color metal.
- (10) White soft plastic (external wire covering).
- (11) Semi-transparent soft plastic.
- (12) Dull white soft plastic.
- (13) PCB.
- (14) Yellow soft plastic.
- (15) Solder.
- (16) Red plastic (wire covering).
- (17) Black/red plastic (wire covering).
- (18) Silver color metal wire.
- (19) Dull white soft plastic.
- (20) Black soft plastic (external wire covering).
- (21) Dull red plastic (wire covering).
- (22) Dull black plastic (wire covering).
- (23) Silver color metal wire.
- (24) Grey plastic.
- (25) Grey plastic.
- (26) Black treated metal (screw).
- (27) Semi-transparent plastic.
- (28) Dull silver color metal (frame).
- (29) PCB with electrolytic components.
- (30) Solder.
- (31) Silver color metal.
- (32) Silver color magnet.
- (33) Semi-transparent soft plastic.

**SVHC Requirements**

Following substances may be identified as substance of very high concern (SVHC):

Substances classified as:

- (a) Carcinogenicity category 1A or 1B;
- (b) Germ cell mutagenicity category 1A or 1B;
- (c) Reproductive toxicity category 1A or 1B, adverse effects on sexual function and fertility or on development;
- (d) Persistent, bioaccumulative and toxic (PBT)
- (e) Very persistent and very bioaccumulative (vPvB)
- (f) Other substances for which there is scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern, such as endocrine disrupters

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**REACH Requirement:**

As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:

- (a) Identity and contact details of the producer or importer;
- (b) Registration number(s), if available;
- (c) Identity of the substance;
- (d) Classification of the substance(s);
- (e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
- (f) Tonnage range of the substance(s).

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.

As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

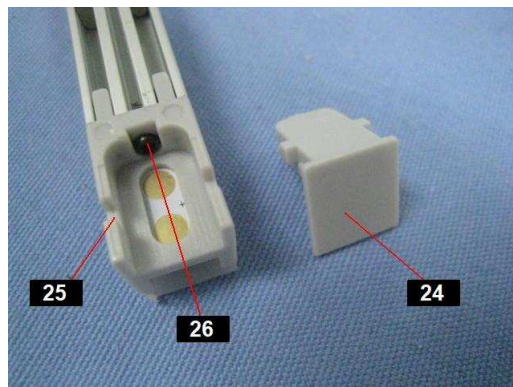
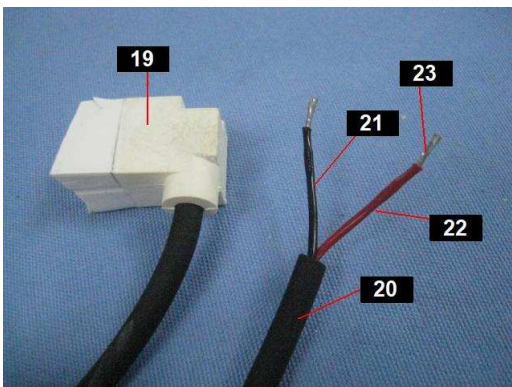
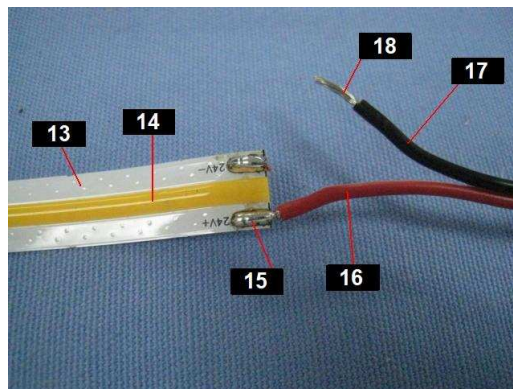
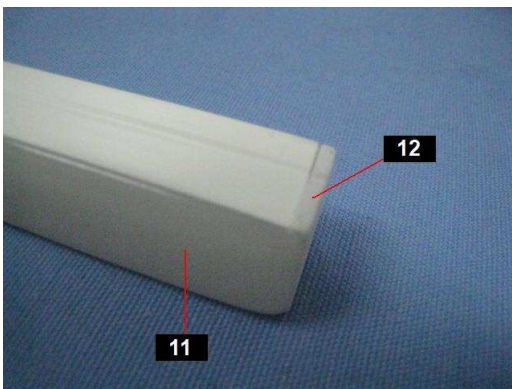
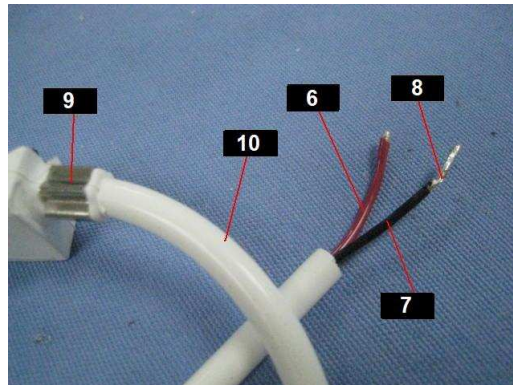
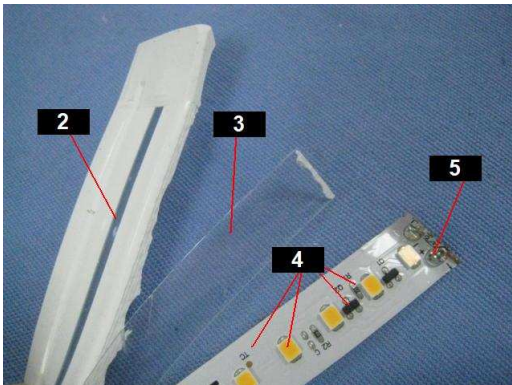
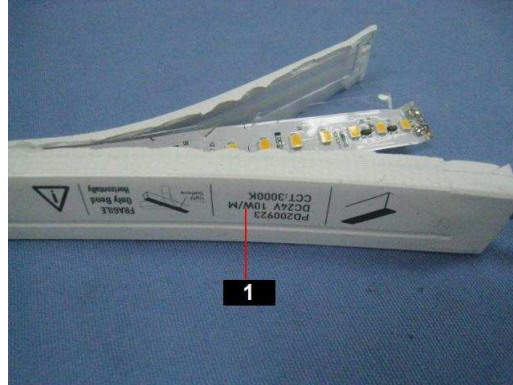
**Waste Framework Directive (WFD) Requirement:**

As per Article 9(1)(i) of Directive 2008/98/EC on waste (WFD, Waste Framework Directive) as amended, Member States shall take measures to ensure that any supplier of an article as defined in point 33 of Article 3 of Regulation (EC) No 1907/2006 (REACH) provides the information pursuant to Article 33(1) of Regulation (EC) No 1907/2006 (REACH) to the European Chemicals Agency (ECHA) as from 5 January 2021. Any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) on the EU market is required to submit a SCIP Notification on that article to ECHA, as from 5 January 2021.

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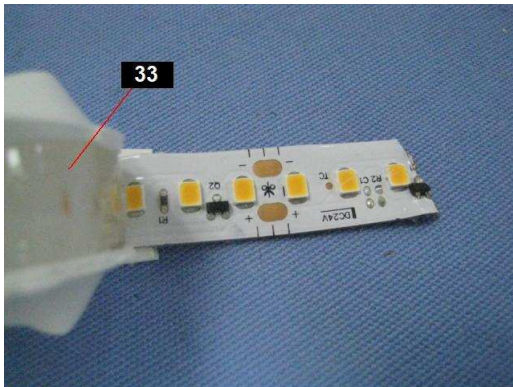
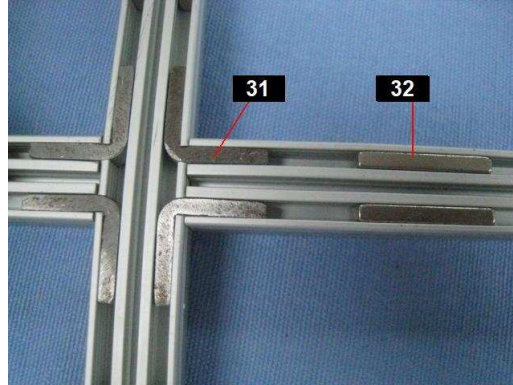
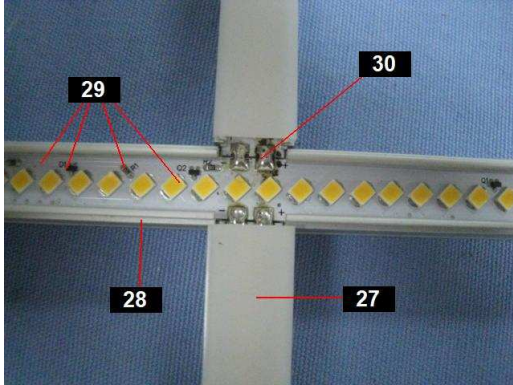
**Photos for Tested Sample:**



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**Photos for Tested Sample:**



**Annex (The following information is provided by the client):**

产品系列	新证书型号	LED 类型
LEDLINE FLEX	MARINE NEON 1615 WHT	2835/3014
	MARINE NEON 1220 WHT	
	MARINE NEON 1010 WHT	
	MARINE NEON TINI WHT	
	MARINE NEON 0612 WHT	
	MARINE NEON 1615 IQ	3014
	MARINE NEON 1220 IQ	
	MARINE NEON 1010 IQ	
	MARINE NEON TINI IQ	
	MARINE NEON 0612 IQ	
	MARINE NEON 1615 RGB	4040
	MARINE NEON 1220 RGB	
	MARINE NEON 1010 RGB	
	MARINE NEON TINI RGB	
	MARINE NEON 0612 RGB	
	MARINE NEON 1615 MEDIA	5050
MARINE NEON 1220 MEDIA		



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	MARINE NEON 1615 AURORA		
	MARINE NEON 1220 AURORA		
	MARINE NEON 1615 RGBW		
	MARINE NEON 1220 RGBW		
ASTON	LINIO NEON 1615 TV	2835	
	LINIO NEON 1220 SV		
	LINIO NEON 1212 TV		
	LINIO NEON 1010 TV		
	LINIO NEON 0612 SV		
	LINIO NEON R16		
	LINIO NEON 3020		
	LINIO NEON 3D		
	LINIO NEON 1225 SV		
	LINIO NEON 360		
	LINIO NEON 1615 TV TW		3014
	LINIO NEON 1220 SV TW		
	LINIO NEON 1212 TV TW		
	LINIO NEON 1010 TV TW		
	LINIO NEON 0612 SV TW		
	LINIO NEON R16 TW		
	LINIO NEON 3020 TW		
	LINIO NEON 3D TW		
	LINIO NEON 360 TW		
	LINIO NEON 3D TW		
	LINIO NEON 1615 TV RGB	4040	
	LINIO NEON 1220 SV RGB		
	LINIO NEON 1212 TV RGB		
	LINIO NEON 1010 TV RGB		
	LINIO NEON 0612 SV RGB		
	LINIO NEON R16 RGB		
	LINIO NEON 3020 RGB		
	LINIO NEON 3D RGB		
	LINIO NEON 1225 SV RGB		
	LINIO NEON 360 RGB		
	LINIO NEON 1615 TV RGBW	5050	
	LINIO NEON 1220 SV RGBW		
	LINIO NEON 1615 TV RGB PIXEL		
LINIO NEON 1220 SV RGB PIXEL			
LINIO NEON 1615 TV RGBW PIXEL			





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	LINIO NEON 1220 SV RGBW PIXEL	
	LINIO NEON R16 RGBW	
	LINIO NEON 3020 RGBW	
	LINIO NEON 3D RGBW	
	LINIO NEON 1225 SV RGBW	
	LINIO NEON 360 RGBW	
	LINIO NEON 0606 TV	2216
	LINIO NEON 0408 SV	
Linear profile	LED CLICK LINE	2835
	BRILI LINEAR WHT	
	AERO TAPE	
	AERO TAPE HD	
	VICT TAPE	
	SKYE TAPE	2835
	ALTA TAPE	
	AERO TAPE IP54	
	AERO TAPE HD IP54	
	DERU TAPE	1808
	DERU TAPE HD	
	NOVA TAPE IP54	
	NOVA TAPE IP68	
	NOVA TAPE S	
	NOVA TAPE	COB
	NOVA TAPE TW	
	NOVA TAPE RGB	
	NOVA TAPE RGBW	
	NOVA TAPE RGBWW	
	AERO TAPE TW	2835
	DERU TAPE TW	1808
	NOVA TAPE DTW	2835
	DIAM TAPE	
	BELA TAPE RGBW	5050
	BELA TAPE RGBWW	
	KENE TAPE	
	KENE TAPE HD	
	SAMO TAPE	2835
	ARTH TAPE	
	FERR TAPE	
	SHER TAPE	
COVEFLEX		



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ARCT TAPE	
KONA TAPE	
PUMA TAPE	5050
NUNA TAPE	
Graze Flex WHT	2835
Graze Flex IQ	2835
Graze Flex RGB	3535/5050
Graze Flex RGBW	3535/5050
Graze Flex DIGITAL	3535/5050
Tape 3014	3014
Tape 2216	2216
Tape 3528	3528
Tape 5050	5050
Tape 1808	1808
Tape 6060	6060
Tape 3030	3030
Tape 2835	2835
Tape 020	020
Tape 5630	5630

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

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