

Flashbay Electronics  
Building2 ,Jixun Industrial Park ,Xinjiao ,Dong'ao Village ,  
Shatian Town ,Huiyang District ,Huizhou City ,  
Guangdong Province,P.R.China

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# TEST REPORT

**Test Report No.** : **4902795.54** Version 1


**Project No.** : **4902795.00**

**Test Report Date** : **2023-08-25**

Job No. : 23-00812  
Applicant : Flashbay Electronics  
Building2 ,Jixun Industrial Park ,Xinjiao ,Dong'ao Village ,Shatian  
Town ,Huiyang District ,Huizhou City , Guangdong Province,P.R.China  
Product Name : USB Cable  
Model No. : Multi Wood(MUW) / Motion Wood (MTW)  
Reference Information : Annex 1 (List was provided by applicant)  
Test Requested : Selected test(s) as requested by applicant, SVHC assessment is  
performed according to:  
- Two hundred and thirty-five (235) substances in the Candidate List  
of Substances of Very High Concern (SVHC) for authorization  
published by European Chemicals Agency (ECHA) on and before  
June 2023 regarding Regulation (EC) No. 1907/2006 concerning the  
Registration, Evaluation, Authorisation and Restriction of Chemicals  
(REACH).  
Test Method : Please refer to next pages  
Sample Received : 2023-04-26, 2023-08-16  
Testing Period : 2023-04-26 to 2023-05-08, 2023-08-16 to 2023-08-24

Test Results  
- following pages -

**Resume:**

|   |   |
|---|---|
| <p style="text-align: center;"><b>Parameter</b></p>                               | <p><b>Sample Photo:</b></p>   |
|   |   |
| <p>Two hundred and thirty-five (235) substances in the Candidate List of SVHC</p> | <p>According to the specified scope and analytical techniques, the concentration of tested SVHCs are &lt;math&gt;&lt;0.1(w/w)&lt;/math&gt; in the submitted sample.</p> |

Guangzhou, August 25, 2023

Signed for and on behalf of

**DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch**

Chemical & Mechanical




Devin Ai  
Laboratory Manager

Attention: Please note that every statement made in this report is only valid for the samples tested and reported herein. This report shall not be reproduced except in full, without the written approval of the testing laboratory.

## SAMPLE DESCRIPTION & QUANTITY AMOUNT

### Material list:

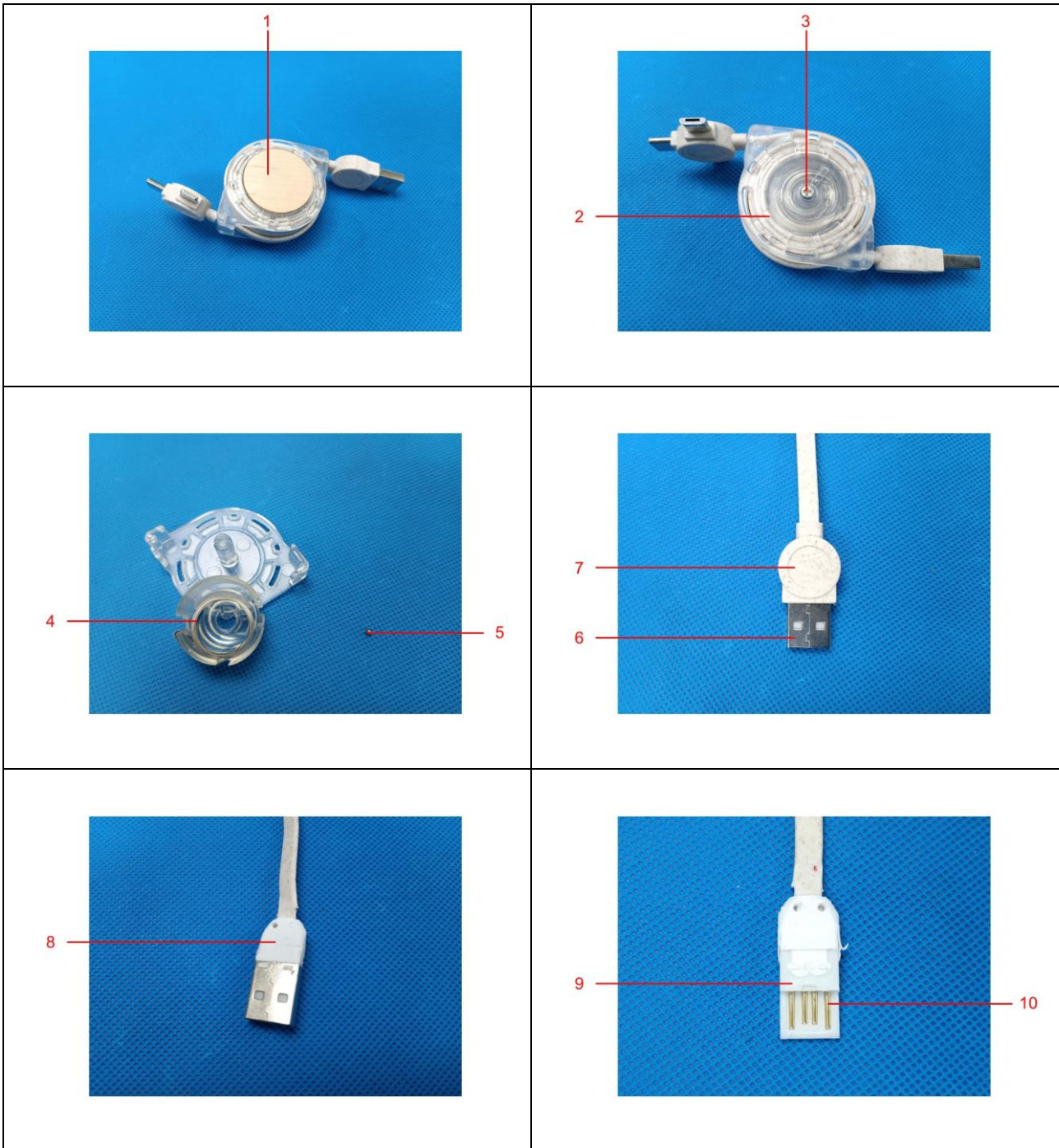
| No.  | Sample Description   |
|------|----------------------|
| (1)  | Brown adhesive wood  |
| (2)  | Transparent plastic  |
| (3)  | Silvery metal        |
| (4)  | Silvery metal        |
| (5)  | Silvery metal        |
| (6)  | Silvery metal        |
| (7)  | Beige plastic        |
| (8)  | White plastic        |
| (9)  | White plastic        |
| (10) | Golden metal         |
| (11) | Beige plastic        |
| (12) | Copper-colored metal |
| (13) | Green metal          |
| (14) | Blue metal           |
| (15) | Red metal            |
| (16) | Silvery metal        |
| (17) | Black plastic        |
| (18) | Silvery metal        |
| (19) | Silvery metal        |
| (20) | Black plastic        |
| (21) | Silvery metal        |
| (22) | White plastic        |
| (23) | Golden metal         |
| (24) | Silvery metal        |
| (25) | Black body           |
| (26) | Black body           |
| (27) | Silvery metal        |

|      |             |
|------|-------------|
| (28) | Green "PCB" |
|------|-------------|

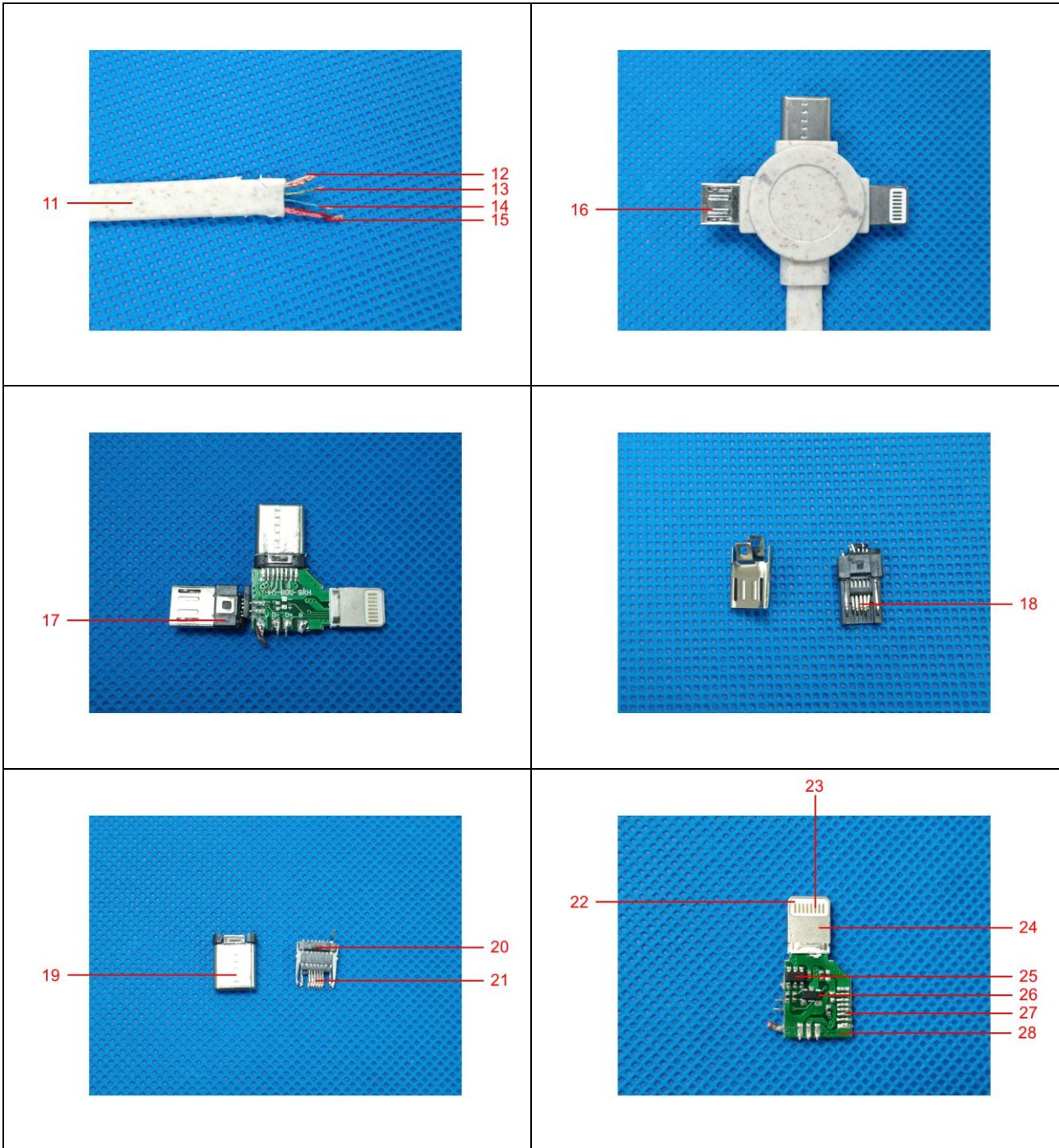
|                    |                   |           |
|--------------------|-------------------|-----------|
| Group description: |                   |           |
| Group1             | 1+2+7+8+9         | non-metal |
| Group2             | 11+17+20+22+28    | non-metal |
| Group3             | 25+26             | non-metal |
| Group4             | 3+4+5+6+10        | metal     |
| Group5             | 12+13+14+15+16    | metal     |
| Group6             | 18+19+21+23+24+27 | metal     |

Note: According to client's specification, each part is same quantity sampling and perform testing.

**Test material photo:**







## TEST RESULTS

### (I) SVHC testing results:

By Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), liquid chromatograph coupled with Inductively Coupled Plasma-Mass Spectrometry (LC-ICP-MS), Gas Chromatography Mass Spectrometer (GC-MS), UV-Visible Spectrophotometric and High Performance Liquid Chromatography analysis.

| Chemical Substance  | Result [% by Weight] |        |        |        |        |
|---|----------------------|--------|--------|--------|--------|
|   | Tested Group(s)      |        |        |        |        |
|   | Group1               | Group2 | Group3 | Group4 | Group5 |
| Tested Two hundred and thirty-three (233) substances in Chemical list | N.D.                 | N.D.   | N.D.   | N.D.   | N.D.   |

| Chemical Substance  | Result [% by Weight] |
|---|----------------------|
|   | Tested Group(s)      |
|   | Group6               |
| Tested Two hundred and thirty-three (233) substances in Chemical list | N.D.                 |

Note:

- The photo and the test data of Group1 ~ Group6 listed above were quoted from DEKRA report 4902795.51, date 2023-05-19.

### Additional Two Substances Test Results:

| Chemical Substance                              | Result [% by Weight] |        |        |        |        |
|---|----------------------|--------|--------|--------|--------|
|   | Tested Group(s)      |        |        |        |        |
|   | Group1               | Group2 | Group3 | Group4 | Group5 |
| Bis(4-chlorophenyl) sulphone                    | N.D.                 | N.D.   | N.D.   | N.D.   | N.D.   |
| Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | N.D.                 | N.D.   | N.D.   | N.D.   | N.D.   |

| Chemical Substance                              | Result [% by Weight] |
|---|----------------------|
|   | Tested Group(s)      |
|   | Group6               |
| Bis(4-chlorophenyl) sulphone                    | N.D.                 |
| Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | N.D.                 |

**Note:**

- The test results were based on the submitted sample components received in 2023-08-16.

**Remark:**

1. SVHC = Substance of very high concern
2. N.D. = Not detected (less than reporting limit)

**(II) Tested SVHC Chemical list:**

| No.  | Substance  | CAS No.  | Report Limit [%] |
|------|--|--|------------------|
| (1)  | Anthracene   | 120-12-7   | 0.005            |
| (2)  | 4,4'- Diaminodiphenylmethane   | 101-77-9   | 0.005            |
| (3)  | Dibutyl phthalate (DBP)  | 84-74-2  | 0.005            |
| (4)  | Cobalt dichloride $\Delta$   | 7646-79-9  | 0.005            |
| (5)  | Diarsenic pentaoxide $\Delta$  | 1303-28-2  | 0.005            |
| (6)  | Diarsenic trioxide $\Delta$  | 1327-53-3  | 0.005            |
| (7)  | Sodium dichromate $\Delta$   | 7789-12-0<br>10588-01-9  | 0.005            |
| (8)  | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)   | 81-15-2  | 0.005            |
| (9)  | Bis (2-ethyl(hexyl)phthalate) (DEHP)   | 117-81-7   | 0.005            |
| (10) | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) | 25637-99-4<br>3194-55-6<br>(134237-51-7,<br>134237-50-6,<br>134237-52-8) | 0.005            |
| (11) | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)  | 85535-84-8   | 0.005            |
| (12) | Bis(tributyltin)oxide (TBTO) $\Delta$  | 56-35-9  | 0.005            |
| (13) | Lead hydrogen arsenate $\Delta$  | 7784-40-9  | 0.005            |
| (14) | Benzyl butyl phthalate (BBP)   | 85-68-7  | 0.005            |
| (15) | Triethyl arsenate $\Delta$   | 15606-95-8   | 0.005            |
| (16) | Anthracene oil   | 90640-80-5   | 0.05             |
| (17) | Anthracene oil, anthracene paste, distn. lights  | 91995-17-4   | 0.05             |
| (18) | Anthracene oil, anthracene paste, anthracene fraction  | 91995-15-2   | 0.05             |
| (19) | Anthracene oil, anthracene-low   | 90640-82-7   | 0.05             |



| No.  | Substance   | CAS No.                              | Report Limit [%] |
|------|---|--------------------------------------|------------------|
| (20) | Anthracene oil, anthracene paste  | 90640-81-6                           | 0.05             |
| (21) | Pitch, coal tar, high temp.   | 65996-93-2                           | 0.05             |
| (22) | Aluminosilicate Refractory Ceramic Fibres Δ   | 650-017-00-8                         | 0.005            |
| (23) | Zirconia Aluminosilicate, Refractory Ceramic Fibres Δ   | 650-017-00-8                         | 0.005            |
| (24) | 2,4-Dinitrotoluene  | 121-14-2                             | 0.01             |
| (25) | Diisobutyl phthalate  | 84-69-5                              | 0.01             |
| (26) | Lead chromate Δ   | 7758-97-6                            | 0.01             |
| (27) | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) Δ   | 12656-85-8                           | 0.005            |
| (28) | Lead sulfochromate yellow (C.I. Pigment Yellow 34) Δ  | 1344-37-2                            | 0.01             |
| (29) | Tris(2-chloroethyl)phosphate(TCEP)  | 115-96-8                             | 0.01             |
| (30) | Acrylamide  | 79-06-1                              | 0.01             |
| (31) | Trichloroethylene   | 79-01-6                              | 0.01             |
| (32) | Boric Acid Δ  | 10043-35-3<br>11113-50-1             | 0.01             |
| (33) | Disodium tetraborate, anhydrous Δ   | 1303-96-4<br>1330-43-4<br>12179-04-3 | 0.01             |
| (34) | Tetraboron disodium heptaoxide, hydrate Δ   | 12267-73-1                           | 0.01             |
| (35) | Sodium chromate Δ   | 7775-11-3                            | 0.01             |
| (36) | Potassium chromate Δ  | 7789-00-6                            | 0.01             |
| (37) | Ammonium dichromate Δ   | 7789-09-5                            | 0.01             |
| (38) | Potassium dichromate Δ  | 7778-50-9                            | 0.01             |
| (39) | Cobalt(II) sulphate Δ   | 10124-43-3                           | 0.01             |
| (40) | Cobalt(II) dinitrate Δ  | 10141-05-6                           | 0.01             |
| (41) | Cobalt(II) carbonate Δ  | 513-79-1                             | 0.01             |
| (42) | Cobalt(II) diacetate Δ  | 71-48-7                              | 0.01             |
| (43) | 2-Methoxyethanol  | 109-86-4                             | 0.01             |
| (44) | 2-Ethoxyethanol   | 110-80-5                             | 0.01             |
| (45) | Chromium trioxide Δ   | 1333-82-0                            | 0.01             |
| (46) | Acids generated from chromium trioxide and their oligomers:<br>a.Chromic acid Δ<br>b.Dichromic acid Δ<br>c.Oligomers of chromic acid and dichromic acid Δ | 7738-94-5<br>13530-68-2              | 0.01             |
| (47) | 2-Ethoxyethyl acetate (2-EEA)   | 111-15-9                             | 0.01             |
| (48) | Strontium chromate Δ  | 7789-06-2                            | 0.01             |
| (49) | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)   | 68515-42-4                           | 0.01             |
| (50) | Hydrazine   | 7803-57-8,<br>302-01-2               | 0.01             |
| (51) | 1-Methyl-2-pyrrolidone  | 872-50-4                             | 0.01             |
| (52) | 1,2,3-Trichloropropane  | 96-18-4                              | 0.01             |
| (53) | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-  | 71888-89-6                           | 0.01             |

| No.  | Substance   | CAS No.    | Report Limit [%] |
|------|---|------------|------------------|
|      | rich (DIHP)   |            |                  |
| (54) | 1,2-Dichloroethane  | 107-06-2   | 0.01             |
| (55) | 2,2'-Dichloro-4,4'-methylenedianiline (MOCA)  | 101-14-4   | 0.01             |
| (56) | 2-Methoxyaniline, o-Anisidine   | 90-04-0    | 0.01             |
| (57) | 4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol)  | 140-66-9   | 0.01             |
| (58) | Arsenic acid $\Delta$   | 7778-39-4  | 0.01             |
| (59) | Bis(2-methoxyethyl) ether   | 111-96-6   | 0.01             |
| (60) | Bis(2-methoxyethyl) phthalate   | 117-82-8   | 0.01             |
| (61) | Calcium arsenate $\Delta$   | 7778-44-1  | 0.01             |
| (62) | Dichromium tris(chromate) $\Delta$  | 24613-89-6 | 0.01             |
| (63) | Formaldehyde, oligomeric reaction products with aniline (technical MDA)   | 25214-70-4 | 0.01             |
| (64) | Lead diazide $\Delta$   | 13424-46-9 | 0.01             |
| (65) | Lead dipicrate $\Delta$   | 6477-64-1  | 0.01             |
| (66) | Lead styphnate $\Delta$   | 15245-44-0 | 0.01             |
| (67) | N,N-dimethylacetamide (DMAC)  | 127-19-5   | 0.05             |
| (68) | Pentazinc chromate octahydroxide $\Delta$   | 49663-84-5 | 0.05             |
| (69) | Phenolphthalein   | 77-09-8    | 0.01             |
| (70) | Potassium hydroxyoctaoxidizincatedichromate $\Delta$  | 11103-86-9 | 0.01             |
| (71) | Trilead diarsenate $\Delta$   | 3687-31-8  | 0.01             |
| (72) | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)   | 112-49-2   | 0.01             |
| (73) | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)   | 110-71-4   | 0.01             |
| (74) | Diboron trioxide $\Delta$   | 1303-86-2  | 0.01             |
| (75) | Formamide   | 75-12-7    | 0.01             |
| (76) | Lead(II) bis(methanesulfonate) $\Delta$   | 17570-76-2 | 0.05             |
| (77) | 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)   | 2451-62-9  | 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 | 0.01             |
| (79) | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)  | 90-94-8    | 0.01             |
| (80) | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)  | 101-61-1   | 0.01             |
| (81) | [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  | 0.01             |
| (82) | [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   | 0.01             |
| (83) | 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   | 0.01             |
| (84) | $\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-   | 6786-83-0  | 0.01             |

| No.   | Substance  | CAS No.   | Report Limit [%] |
|-------|--|---|------------------|
|       | 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)]   |   |                  |
| (85)  | Bis(pentabromophenyl) ether (DecaBDE)  | 1163-19-5   | 0.01             |
| (86)  | N,N-dimethylformamide; dimethyl formamide  | 68-12-2   | 0.01             |
| (87)  | Methoxy acetic acid  | 625-45-6  | 0.01             |
| (88)  | Dibutyltin dichloride (DBT) $\Delta$   | 683-18-1  | 0.01             |
| (89)  | 1,2-Diethoxyethane   | 629-14-1  | 0.01             |
| (90)  | Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride  | 85-42-7,<br>13149-00-3,<br>14166-21-3                   | 0.01             |
| (91)  | Hexahydromethylphthalic anhydride,<br>Hexahydro-4-methylphthalic anhydride,<br>Hexahydro-1-methylphthalic anhydride,<br>Hexahydro-3-methylphthalic anhydride   | 25550-51-0,<br>19438-60-9,<br>48122-14-1,<br>57110-29-9 | 0.01             |
| (92)  | 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             |
| (93)  | Heptacosafuorotetradecanoic acid   | 376-06-7  | 0.01             |
| (94)  | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear   | 84777-06-0  | 0.01             |
| (95)  | Henicosafuoroundecanoic acid   | 2058-94-8   | 0.01             |
| (96)  | N-pentyl-isopentylphthalate (iPnPP)  | 776297-69-9   | 0.01             |
| (97)  | Pentacosafuorotridecanoic acid   | 72629-94-8  | 0.01             |
| (98)  | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues  | -   | 0.01             |
| (99)  | Tricosafuorododecanoic acid  | 307-55-1  | 0.01             |
| (100) | Lead bis(tetrafluoroborate) $\Delta$   | 13814-96-5  | 0.01             |
| (101) | Lead tetroxide (orange lead) $\Delta$  | 1314-41-6   | 0.01             |
| (102) | Diethyl sulphate   | 64-67-5   | 0.01             |
| (103) | Dinoseb  | 88-85-7   | 0.01             |
| (104) | Lead Titanium Zirconium Oxide $\Delta$   | 12626-81-2  | 0.01             |
| (105) | Acetic acid, lead salt, basic $\Delta$   | 51404-69-4  | 0.01             |
| (106) | Furan  | 110-00-9  | 0.01             |
| (107) | N-methylacetamide  | 79-16-3   | 0.01             |
| (108) | o-Toluidine; 2-Aminotoluene  | 95-53-4   | 0.01             |
| (109) | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine   | 143860-04-2   | 0.01             |
| (110) | 4,4'-oxydianiline and its salts  | 101-80-4  | 0.01             |
| (111) | [Phthalato(2-)]dioxotrilead (Dibasic lead phthalate)*  | 69011-06-9  | 0.01             |
| (112) | Lead titanium trioxide $\Delta$  | 12060-00-3  | 0.01             |
| (113) | Lead oxide sulphate $\Delta$   | 12036-76-9  | 0.01             |
| (114) | Lead dinitrate $\Delta$  | 10099-74-8  | 0.01             |
| (115) | 4-Aminoazobenzene;   | 60-09-3   | 0.01             |

| No.   | Substance   | CAS No.    | Report Limit [%] |
|-------|---|------------|------------------|
|       | 4-Phenylazoaniline  |            |                  |
| (116) | Lead cyanamidate $\Delta$   | 20837-86-9 | 0.01             |
| (117) | Tetralead trioxide sulphate $\Delta$  | 12202-17-4 | 0.01             |
| (118) | 4-methyl-m-phenylenediamine (2,4-toluene-diamine)   | 95-80-7    | 0.01             |
| (119) | Pyrochlore, antimony lead yellow $\Delta$   | 8012-00-8  | 0.01             |
| (120) | Trilead bis(carbonate)dihydroxide (basic lead carbonate) $\Delta$   | 1319-46-6  | 0.01             |
| (121) | Dimethyl sulphate   | 77-78-1    | 0.01             |
| (122) | Dioxobis(stearato)trilead $\Delta$  | 12578-12-0 | 0.01             |
| (123) | Silicic acid, barium salt, lead-doped $\Delta$  | 68784-75-8 | 0.01             |
| (124) | Biphenyl-4-ylamine  | 92-67-1    | 0.01             |
| (125) | Lead oxide (lead monoxide) $\Delta$   | 1317-36-8  | 0.01             |
| (126) | Pentalead tetraoxide sulphate $\Delta$  | 12065-90-6 | 0.01             |
| (127) | Propylene oxide;<br>1,2-epoxypropane; methyloxirane   | 75-56-9    | 0.01             |
| (128) | Silicic acid, lead salt $\Delta$  | 11120-22-2 | 0.01             |
| (129) | Trilead dioxide phosphonate $\Delta$  | 12141-20-7 | 0.01             |
| (130) | o-aminoazotoluene   | 97-56-3    | 0.01             |
| (131) | 1-bromopropane  | 106-94-5   | 0.01             |
| (132) | 6-methoxy-m-toluidine (p-cresidine)   | 120-71-8   | 0.01             |
| (133) | 4,4'-methylenedi-o-toluidine  | 838-88-0   | 0.01             |
| (134) | Tetraethyllead $\Delta$   | 78-00-2    | 0.01             |
| (135) | Sulfurous acid, lead salt, dibasic $\Delta$   | 62229-08-7 | 0.01             |
| (136) | Fatty acids, C16-18, lead salts $\Delta$  | 91031-62-8 | 0.01             |
| (137) | Diisopentylphthalate  | 605-50-5   | 0.01             |
| (138) | Diazene-1,2-dicarboxamide(C,C'-azodi(formamide))  | 123-77-3   | 0.01             |
| (139) | Cadmium   | 7440-43-9  | 0.005            |
| (140) | Ammonium pentadecafluorooctanoate (APFO)  | 3825-26-1  | 0.01             |
| (141) | Pentadecafluorooctanoic acid (PFOA)   | 335-67-1   | 0.01             |
| (142) | Dipentyl phthalate (DPP)  | 131-18-0   | 0.005            |
| (143) | 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             |
| (144) | Cadmium oxide $\Delta$  | 1306-19-0  | 0.01             |
| (145) | Cadmium sulphide $\Delta$   | 1306-23-6  | 0.01             |
| (146) | Di-n-hexyl phthalate (DnHP)   | 84-75-3    | 0.01             |
| (147) | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)  | 573-58-0   | 0.005            |
| (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  | 0.005            |
| (149) | Imidazolidine-2-thione; 2-imidazoline-2-thiol   | 96-45-7    | 0.01             |

| No.   | Substance   | CAS No.                             | Report Limit [%] |
|-------|---|-------------------------------------|------------------|
| (150) | Lead di(acetate) $\Delta$   | 301-04-2                            | 0.01             |
| (151) | Trixylyl phosphate  | 25155-23-1                          | 0.01             |
| (152) | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear  | 68515-50-4                          | 0.01             |
| (153) | Cadmium chloride $\Delta$   | 10108-64-2                          | 0.005            |
| (154) | Sodium perborate; perboric acid, sodium salt $\Delta$   | -                                   | 0.01             |
| (155) | Sodium peroxometaborate $\Delta$  | 7632-04-4                           | 0.01             |
| (156) | Cadmium fluoride $\Delta$   | 7790-79-6                           | 0.01             |
| (157) | Cadmium sulphate $\Delta$   | 10124-36-4;<br>31119-53-6           | 0.01             |
| (158) | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)  | 3846-71-7                           | 0.01             |
| (159) | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)  | 25973-55-1                          | 0.01             |
| (160) | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) $\Delta$   | 15571-58-1                          | 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) $\Delta$ | 15571-58-1;<br>27107-89-7           | 0.01             |
| (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;<br>68648-93-1           | 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]                             | 117933-89-8                         | 0.01             |
| (164) | 1,3-propanesultone  | 1120-71-4                           | 0.01             |
| (165) | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol(UV-327)   | 3864-99-1                           | 0.01             |
| (166) | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol(UV-350)   | 36437-37-3                          | 0.01             |
| (167) | Nitrobenzene  | 98-95-3                             | 0.01             |
| (168) | Perfluorononan-1-oic-acid and its sodium and ammonium salts   | 375-95-1<br>21049-39-8<br>4149-60-4 | 0.01             |
| (169) | Benzo[def]chrysene  | 50-32-8                             | 0.01             |
| (170) | 4,4'-isopropylidenediphenol (bisphenol A)   | 80-5-7                              | 0.01             |
| (171) | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts  | 3108-42-7<br>335-76-2<br>3830-45-3  | 0.01             |
| (172) | 4-heptylphenol, branched and linear (4-HPbl)  | ---                                 | 0.01             |
| (173) | 4-tert-pentylphenol (PTAP)  | 80-46-6                             | 0.01             |
| (174) | Perfluorohexane-1-sulphonic acid and its salts (PFHxS)  | --                                  | 0.005            |
| (175) | Chrysene  | 218-01-9                            | 0.005            |
| (176) | Benz[a]anthracene   | 56-55-3                             | 0.005            |
| (177) | Cadmium nitrate $\Delta$  | 10325-94-7                          | 0.005            |
| (178) | Cadmium carbonate $\Delta$  | 513-78-0                            | 0.005            |
| (179) | Cadmium hydroxide $\Delta$  | 21041-95-2                          | 0.005            |



| No.   | Substance   | CAS No.                                    | Report Limit [%] |
|-------|---|--|------------------|
| (180) | Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)  | 13560-89-9;<br>135821-74-8;<br>135821-03-3 | 0.005            |
| (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] | --   | 0.005            |
| (182) | Octamethylcyclotetrasiloxane (D4)   | 556-67-2                                   | 0.005            |
| (183) | Decamethylcyclopentasiloxane (D5)   | 541-02-6                                   | 0.005            |
| (184) | Dodecamethylcyclohexasiloxane (D6)  | 540-97-6                                   | 0.005            |
| (185) | Lead  | 7439-92-1                                  | 0.005            |
| (186) | Disodium octaborate $\Delta$  | 12008-41-2                                 | 0.005            |
| (187) | Benzo[ghi]perylene  | 191-24-2                                   | 0.005            |
| (188) | Terphenyl hydrogenated  | 61788-32-7                                 | 0.005            |
| (189) | Ethylenediamine (EDA)   | 107-15-3                                   | 0.005            |
| (190) | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimelliticanhydride) (TMA)   | 552-30-7                                   | 0.005            |
| (191) | Dicyclohexyl phthalate (DCHP)   | 84-61-7                                    | 0.005            |
| (192) | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one   | 15087-24-8                                 | 0.005            |
| (193) | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane   | 6807-17-6                                  | 0.005            |
| (194) | Benzo[k]fluoranthene  | 207-08-9                                   | 0.005            |
| (195) | Fluoranthene  | 206-44-0;<br>93951-69-0                    | 0.005            |
| (196) | Phenanthrene  | 85-01-8                                    | 0.005            |
| (197) | Pyrene  | 129-00-0; 1718-52-1                        | 0.005            |
| (198) | 2-methoxyethyl acetate  | 110-49-6                                   | 0.005            |
| (199) | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)  | --   | 0.005            |
| (200) | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)                      | --   | 0.005            |
| (201) | 4-tert-butylphenol  | 98-54-4                                    | 0.005            |
| (202) | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone   | 119313-12-1                                | 0.005            |
| (203) | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one  | 71868-10-5                                 | 0.005            |
| (204) | Diisohexyl phthalate  | 71850-09-4                                 | 0.005            |
| (205) | Perfluorobutane sulfonic acid (PFBS) and its salts  | --   | 0.005            |
| (206) | Dibutylbis(pentane-2,4-dionato-O,O')tin $\Delta$  | 22673-19-4                                 | 0.005            |
| (207) | butyl 4-hydroxybenzoate   | 94-26-8                                    | 0.005            |
| (208) | 2-methylimidazole   | 693-98-1                                   | 0.005            |
| (209) | 1-vinylimidazole  | 1072-63-5                                  | 0.005            |
| (210) | Bis(2-(2-methoxyethoxy)ethyl) ether   | 143-24-8                                   | 0.005            |

| No.   | Substance   | CAS No.   | Report Limit [%] |
|-------|---|---|------------------|
| (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 $\Delta$ | --  | 0.01             |
| (212) | 1,4-dioxane   | 123-91-1  | 0.01             |
| (213) | 2,2-bis(bromomethyl)propane 1,3-diol (BMP);<br>2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA);<br>2,3-dibromo-1-propanol (2,3-DBPA)                                     | 3296-90-0<br>36483-57-5<br>1522-92-5<br>96-13-9 | 0.01             |
| (214) | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers  | --  | 0.01             |
| (215) | 4,4'-(1-methylpropylidene)bisphenol   | 77-40-7   | 0.01             |
| (216) | Glutaral  | 111-30-8  | 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 $\Delta$   | 13840-56-7                                      | 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             |
| (220) | ( $\pm$ )-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)  | --  | 0.01             |
| (221) | 6,6'-di-tert-butyl-2,2'-methylene di-p-cresol (DBMC)  | 119-47-1  | 0.01             |
| (222) | S-(tricyclo[5.2.1.0' <sup>2</sup> ,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                                     | 0.01             |
| (223) | Tris(2-methoxyethoxy)vinylsilane  | 1067-53-4                                       | 0.01             |
| (224) | N-(hydroxymethyl)acrylamide   | 924-42-5  | 0.01             |
| (225) | 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]  | 37853-59-1                                      | 0.01             |
| (226) | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol  | 79-94-7   | 0.02             |
| (227) | 4,4'-sulphonyldiphenol  | 80-09-1   | 0.01             |
| (228) | Barium diboron tetraoxide $\Delta$  | 13701-59-2                                      | 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                                       | 0.01             |
| (231) | Melamine  | 108-78-1  | 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   | --  | 0.01             |
| (234) | Bis(4-chlorophenyl) sulphone  | 80-07-9   | 0.01             |

| No.   | Substance                                       | CAS No.    | Report Limit [%] |
|-------|---|------------|------------------|
| (235) | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 75980-60-8 | 0.01             |

Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.

Notes:

REACH requirement:

As per article 33(1) of regulation (EC) No. 1907/2006 (REACH), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1% (w/w). A product meets the requirement of article 33(1) by default when no SVHC exceeds 0.1% (w/w).

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Remark:

The information of Annex was submitted by the client. DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch takes no responsibility for any mistake caused by inaccuracy and/or invalid information. Annex 1



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---End of Report---