# Test Report



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|---|---|
| **Company Name shown on Report** | YANGZHOU YANGJIE ELECTRONIC TECHNOLOGY CO.,LTD |
| **Address** | NO.6 HEYE WEST ROAD, HANJIANG DISTRICT, YANGZHOU, JIANGSU PROVINCE |

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant**

| | |
|---|---|
| Sample Name | PMBD |
| Sample Received Date | Mar. 4, 2025 |
| Testing Period | Mar. 4, 2025 to Mar. 7, 2025 |

**Test Requested**

1.As specified by client, to screen the 247 substances of very high concern (SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).
2.As specified by client, to screen the 3 substance published on February 28th 2025 submitted by EU Member States to ECHA for intention for identification of substance of very high concern (SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).
3.As specified by client, to screen the 1 substance published on June 1st 2021 submitted by EU Member States to ECHA for intention for identification of substance of very high concern (SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).
4.As specified by client, to screen the 3 potential intentional substances for identification of SVHC in the submitted sample(s).

**Test Method** Please refer to the following page(s).

**Test Result(s)** Please refer to the following page(s).

**Summary** According to the analytical results, concentrations of SVHC are ≤ 0.1% (w/w) in the submitted sample(s).

Approved by: Chen kaimin Date: Mar. 7, 2025

Chen kaimin
Lab Manager

# Test Report



**Test Result(s) 1**

| Batch | No. | Substance Name(s) | CAS No. | Concentration (%) | RL (%) |
|---|---|---|---|---|---|
| | | | | 005 | |
| I | 5 | Diarsenic pentaoxide* | 1303-28-2 | N.D.* [1] | 0.01 |
| I | 6 | Diarsenic trioxide* | 1327-53-3 | N.D.* [1] | 0.01 |
| I | 15 | Triethyl arsenate* | 15606-95-8 | N.D.* [1] | 0.01 |
| VI | 63 | Arsenic acid* | 7778-39-4 | N.D.* [1] | 0.01 |
| VI | 64 | Calcium arsenate* | 7778-44-1 | N.D.* [1] | 0.01 |
| - | - | Other tested SVHC (See the candidate list) | – | N.D. | - |

**Test Result(s) 2**

| Batch | No. | Substance Name(s) | CAS No. | Concentration (%) | RL (%) |
|---|---|---|---|---|---|
| | | | | 005 | |
| - | - | All tested intention/potential intention for identification of SVHC (See the list of intention/potential intention for identification of SVHC) | - | N.D. | - |

**Test Method:**

Refer to US EPA3052:1996, US EPA 3050B:1996, US EPA3060A:1996, US EPA 3550C:2007, US EPA 3540C:1996, ISO 17353:2004(E), EN 14582:2016, In house method for sample pretreatment.

Analyzed by ICP-OES, UV-Vis, PLM, SEM, IC, HPLC, GC-MS, GC-MS(NCI), GC-FID, LC-QTOF, HPLC-DAD and LC-MS-MS.

**Sample/Part Description**

| No. | CTI Sample ID | Description |
|---|---|---|
| 1 | 005 | Chip |

# Test Report



**Remark:**

1. The table of tested result(s) only shows detected SVHC, and SVHC that below RL are not reported. Please refer to the List of SVHC/intention/potential intention for identification of SVHC on next pages.
2. w/w = weight by weight; 0.1%= 1000 mg/kg =1000 ppm
3. N.D. = Not Detected (< RL)
4. RL = Report Limit (Concentration value will be shown if it ≥ RL. RL is not regulatory limit.)
5. ※ = Intention for identification of SVHC
6. ⁂ = Potential intention for identification of SVHC
7. *: Concentration value of the substance by the conversion from the test results of certain elements. Concentration value of Bis(tributyltin)oxide(TBTO), Dibutyltin dichloride (DBTC), 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE), 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), Dibutylbis(pentane-2,4-dionato-O,O')tin, [Dioctyltin 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] by the conversion from the test results of certain compounds(Tributyl Tins(TBT), Dibutyl Tins(DBT), Dioctyl Tins(DOT), Monooctyl Tins(MOT)).
8. **: All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).
9. ***: C.I.: Colour Index
10. ****: Light fractions from distillation
11. *****: Concentration value of Disodiumtetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodiumtetraborate, with no consider of the hydrate. Concentration value of Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is evaluated by Sodium perborate, with no consider of the hydrate.
12. ▲: Concentration value of Formaldehyde, oligomeric reaction products with aniline by the conversion from the test results of certain compounds(2,4-Diaminodiphenylmethane, 4,4'-Diaminodiphenylmethane, 2,2-Diaminodiphenylmethane).
13. ①: In view of the substances are established as UVCB substances(substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances. When the content of the representative substances is equal to or higher than 0.1% (w/w), the presence of the substance in the sample need to be further confirmed by checking MSDS or requesting from suppliers.
14. ②: In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.
15. *[1]: The sample contains Arsenic.According to the declaration of the client,it is not from the Substances of Very High Concern.

# Test Report



**Candidate List of SVHC**

| Batch | No. | Substance Name(s) | CAS No. | RL (%) |
|---|---|---|---|---|
| I | 1 | Anthracene | 120-12-7 | 0.005 |
| I | 2 | 4,4'- Diaminodiphenylmethane | 101-77-9 | 0.005 |
| I | 3 | Dibutyl phthalate(DBP) | 84-74-2 | 0.005 |
| I | 4 | Cobalt dichloride* | 7646-79-9 | 0.01 |
| I | 5 | Diarsenic pentaoxide* | 1303-28-2 | 0.01 |
| I | 6 | Diarsenic trioxide* | 1327-53-3 | 0.01 |
| I | 7 | Sodium dichromate* | 7789-12-0<br>10588-01-9 | 0.01 |
| I | 8 | 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene) | 81-15-2 | 0.005 |
| I | 9 | Bis(2-ethyl(hexyl)phthalate)(DEHP) | 117-81-7 | 0.005 |
| I | 10 | Hexabromocyclododecane (HBCDD) | 25637-99-4<br>3194-55-6<br>(134237-50-6)<br>(134237-51-7)<br>(134237-52-8) | 0.005 |
| I | 11 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs) | 85535-84-8 | 0.01 |
| I | 12 | Bis(tributyltin)oxide (TBTO)* | 56-35-9 | 0.01 |
| I | 13 | Lead hydrogen arsenate* | 7784-40-9 | 0.01 |
| I | 14 | Benzyl butyl phthalate(BBP) | 85-68-7 | 0.005 |
| I | 15 | Triethyl arsenate* | 15606-95-8 | 0.01 |
| II | 16 | ①Anthracene oil | 90640-80-5 | 0.05 |
| II | 17 | ①Anthracene oil, anthracene paste, distn. lights**** | 91995-17-4 | 0.05 |
| II | 18 | ①Anthracene oil, anthracene paste,anthracene fraction | 91995-15-2 | 0.05 |
| II | 19 | ①Anthracene oil, anthracene-low | 90640-82-7 | 0.05 |
| II | 20 | ①Anthracene oil, anthracene paste | 90640-81-6 | 0.05 |
| II | 21 | ①Pitch, coal tar, high-temp. | 65996-93-2 | 0.05 |
| II | 22 | Acrylamide | 79-06-1 | 0.01 |
| II | 23 | 2,4-dinitrotoluene | 121-14-2 | 0.01 |
| II | 24 | Diisobutyl phthalate (DIBP) | 84-69-5 | 0.005 |
| II | 25 | ②Lead chromate | 7758-97-6 | 0.05 |
| II | 26 | ②Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*** | 12656-85-8 | 0.05 |
| II | 27 | ②Lead sulfochromate yellow (C.I. Pigment Yellow 34)*** | 1344-37-2 | 0.05 |
| II | 28 | Tris(2-chloroethyl)phosphate (TCEP) | 115-96-8 | 0.01 |
| III | 29 | Trichloroethylene | 79-01-6 | 0.005 |
| III | 30 | Boric acid* | 10043-35-3<br>11113-50-1 | 0.01 |
| III | 31 | ②Disodium tetraborate, anhydrous***** | 1330-43-4<br>12179-04-3<br>1303-96-4 | 0.01 |
| III | 32 | ②Tetraboron disodium heptaoxide, hydrate***** | 12267-73-1 | 0.01 |
| III | 33 | Sodium chromate* | 7775-11-3 | 0.01 |
| III | 34 | Potassium chromate* | 7789-00-6 | 0.01 |
| III | 35 | Ammonium dichromate* | 7789-09-5 | 0.01 |
| III | 36 | Potassium dichromate* | 7778-50-9 | 0.01 |
| IV | 37 | Cobalt(Ⅱ) sulphate* | 10124-43-3 | 0.01 |
| IV | 38 | Cobalt(Ⅱ) dinitrate* | 10141-05-6 | 0.01 |
| IV | 39 | Cobalt(Ⅱ) carbonate* | 513-79-1 | 0.01 |
| IV | 40 | Cobalt(Ⅱ) diacetate* | 71-48-7 | 0.01 |

# Test Report



| Batch | No. | Substance Name(s) | CAS No. | RL (%) |
|---|---|---|---|---|
| IV | 41 | 2-methoxyethanol | 109-86-4 | 0.005 |
| IV | 42 | 2-ethoxyethanol | 110-80-5 | 0.005 |
| IV | 43 | Chromium trioxide* | 1333-82-0 | 0.01 |
| IV | 44 | ①Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid* | 7738-94-5<br>13530-68-2 | 0.01 |
| V | 45 | 2-ethoxyethyl acetate | 111-15-9 | 0.01 |
| V | 46 | Strontium chromate* | 7789-06-2 | 0.01 |
| V | 47 | ①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 68515-42-4 | 0.01 |
| V | 48 | Hydrazine | 7803-57-8<br>302-01-2 | 0.01 |
| V | 49 | 1-methyl-2-pyrrolidone (NMP) | 872-50-4 | 0.01 |
| V | 50 | 1,2,3-trichloropropane | 96-18-4 | 0.01 |
| V | 51 | ①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | 71888-89-6 | 0.01 |
| VI | 52 | Dichromium tris(chromate)* | 24613-89-6 | 0.01 |
| VI | 53 | Potassium hydroxyoctaoxodizincatedichromate* | 11103-86-9 | 0.01 |
| VI | 54 | Pentazinc chromate octahydroxide* | 49663-84-5 | 0.01 |
| VI | 55 | ②Aluminosilicate Refractory Ceramic Fibres (RCF)** | - | 0.05 |
| VI | 56 | ②Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)** | - | 0.05 |
| VI | 57 | ①Formaldehyde, oligomeric reaction products with aniline▲ | 25214-70-4 | 0.01 |
| VI | 58 | Bis(2-methoxyethyl) phthalate | 117-82-8 | 0.005 |
| VI | 59 | 2-Methoxyaniline(o-Anisidine) | 90-04-0 | 0.005 |
| VI | 60 | 4-(1,1,3,3-tetramethylbutyl)phenol | 140-66-9 | 0.005 |
| VI | 61 | 1,2-dichloroethane | 107-06-2 | 0.005 |
| VI | 62 | Bis(2-methoxyethyl) ether | 111-96-6 | 0.005 |
| VI | 63 | Arsenic acid* | 7778-39-4 | 0.01 |
| VI | 64 | Calcium arsenate* | 7778-44-1 | 0.01 |
| VI | 65 | Trilead diarsenate* | 3687-31-8 | 0.01 |
| VI | 66 | N,N-dimethylacetamide (DMAC) | 127-19-5 | 0.005 |
| VI | 67 | 2,2'-dichloro-4,4'-methylenedianiline (MOCA) | 101-14-4 | 0.005 |
| VI | 68 | Phenolphthalein | 77-09-8 | 0.005 |
| VI | 69 | Lead diazide, Lead azide* | 13424-46-9 | 0.01 |
| VI | 70 | Lead styphnate* | 15245-44-0 | 0.01 |
| VI | 71 | Lead dipicrate* | 6477-64-1 | 0.01 |
| VII | 72 | 1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme) | 112-49-2 | 0.01 |
| VII | 73 | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 0.01 |
| VII | 74 | Diboron trioxide* | 1303-86-2 | 0.01 |
| VII | 75 | Formamide | 75-12-7 | 0.01 |
| VII | 76 | Lead(II) bis(methanesulfonate)* | 17570-76-2 | 0.01 |
| VII | 77 | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) | 2451-62-9 | 0.01 |
| VII | 78 | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC) | 59653-74-6 | 0.01 |
| VII | 79 | 4,4'-bis(dimethylamino) benzophenone (Michler's ketone) | 90-94-8 | 0.01 |
| VII | 80 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1 | 0.01 |
| VII | 81 | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)*** | 548-62-9 | 0.01 |
| VII | 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 | 0.01 |

# Test Report



| Batch | No. | Substance Name(s) | CAS No. | RL (%) |
|---|---|---|---|---|
| VII | 83 | α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)*** | 6786-83-0 | 0.01 |
| VII | 84 | 4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol | 561-41-1 | 0.01 |
| VIII | 85 | Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) | 1163-19-5 | 0.05 |
| VIII | 86 | ①4-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]* | - | 0.05 |
| VIII | 87 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))(ADCA) | 123-77-3 | 0.05 |
| VIII | 88 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated *[covering well-defined substances and UVCB substances, polymers and homologues]* | - | 0.05 |
| VIII | 89 | Henicosafluoroundecanoic acid | 2058-94-8 | 0.05 |
| VIII | 90 | Pentacosafluorotridecanoic acid | 72629-94-8 | 0.05 |
| VIII | 91 | Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride | 85-42-7<br>13149-00-3<br>14166-21-3 | 0.05 |
| VIII | 92 | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | 25550-51-0<br>19438-60-9<br>48122-14-1<br>57110-29-9 | 0.05 |
| VIII | 93 | Heptacosafluorotetradecanoic acid | 376-06-7 | 0.05 |
| VIII | 94 | Diisopentylphthalate(DIPP) | 605-50-5 | 0.05 |
| VIII | 95 | ①1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0 | 0.05 |
| VIII | 96 | n-pentyl-isopentylphthalate | 776297-69-9 | 0.05 |
| VIII | 97 | Methoxyacetic acid | 625-45-6 | 0.05 |
| VIII | 98 | Tricosafluorododecanoic acid | 307-55-1 | 0.05 |
| VIII | 99 | 1,2-diethoxyethane | 629-14-1 | 0.05 |
| VIII | 100 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | 0.05 |
| VIII | 101 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | 95-80-7 | 0.05 |
| VIII | 102 | N-methylacetamide | 79-16-3 | 0.05 |
| VIII | 103 | Pentalead tetraoxide sulphate* | 12065-90-6 | 0.01 |
| VIII | 104 | Biphenyl-4-ylamine | 92-67-1 | 0.05 |
| VIII | 105 | Dinoseb (6-sec-butyl-2,4-dinitrophenol) | 88-85-7 | 0.05 |
| VIII | 106 | Dioxobis(stearato)trilead* | 12578-12-0 | 0.01 |
| VIII | 107 | Lead dinitrate* | 10099-74-8 | 0.01 |
| VIII | 108 | Tetralead trioxide sulphate* | 12202-17-4 | 0.01 |
| VIII | 109 | Lead monoxide (lead oxide)* | 1317-36-8 | 0.01 |
| VIII | 110 | Lead titanium trioxide* | 12060-00-3 | 0.01 |
| VIII | 111 | 4,4'-methylenedi-o-toluidine | 838-88-0 | 0.05 |
| VIII | 112 | Acetic acid, lead salt, basic* | 51404-69-4 | 0.01 |
| VIII | 113 | Dimethyl sulphate | 77-78-1 | 0.05 |
| VIII | 114 | Furan | 110-00-9 | 0.05 |
| VIII | 115 | Pyrochlore, antimony lead yellow* | 8012-00-8 | 0.01 |
| VIII | 116 | Tetraethyllead* | 78-00-2 | 0.01 |
| VIII | 117 | [Phthalato(2-)]dioxotrilead* | 69011-06-9 | 0.01 |
| VIII | 118 | Diethyl sulphate | 64-67-5 | 0.05 |
| VIII | 119 | Lead cyanamidate* | 20837-86-9 | 0.01 |
| VIII | 120 | Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped* | 68784-75-8 | 0.01 |
| VIII | 121 | Trilead dioxide phosphonate* | 12141-20-7 | 0.01 |

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| Batch | No. | Substance Name(s) | CAS No. | RL (%) |
|---|---|---|---|---|
| VIII | 122 | *o*-Toluidine | 95-53-4 | 0.05 |
| VIII | 123 | *o*-aminoazotoluene | 97-56-3 | 0.05 |
| VIII | 124 | 4-aminoazobenzene | 60-09-3 | 0.05 |
| VIII | 125 | 6-methoxy-*m*-toluidine (*p*-cresidine) | 120-71-8 | 0.05 |
| VIII | 126 | Dibutyltin dichloride (DBTC)* | 683-18-1 | 0.05 |
| VIII | 127 | Lead titanium zirconium oxide* | 12626-81-2 | 0.01 |
| VIII | 128 | Methyloxirane (Propylene oxide) | 75-56-9 | 0.05 |
| VIII | 129 | 1-bromopropane (n-propyl bromide) | 106-94-5 | 0.05 |
| VIII | 130 | Trilead bis(carbonate)dihydroxide* | 1319-46-6 | 0.01 |
| VIII | 131 | Fatty acids, C16-18, lead salts* | 91031-62-8 | 0.01 |
| VIII | 132 | Orange lead (lead tetroxide)* | 1314-41-6 | 0.01 |
| VIII | 133 | Sulfurous acid, lead salt, dibasic* | 62229-08-7 | 0.01 |
| VIII | 134 | 4,4'-oxydianiline and its salts | 101-80-4 | 0.05 |
| VIII | 135 | Lead oxide sulfate* | 12036-76-9 | 0.01 |
| VIII | 136 | Lead bis(tetrafluoroborate)* | 13814-96-5 | 0.01 |
| VIII | 137 | Silicic acid, lead salt* | 11120-22-2 | 0.01 |
| VIII | 138 | N,N-dimethylformamide | 68-12-2 | 0.05 |
| IX | 139 | Cadmium | 7440-43-9 | 0.01 |
| IX | 140 | Cadmium oxide* | 1306-19-0 | 0.01 |
| IX | 141 | Dipentyl phthalate (DPP) | 131-18-0 | 0.01 |
| IX | 142 | ①4-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]* | - | 0.05 |
| IX | 143 | Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 0.01 |
| IX | 144 | Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 0.01 |
| X | 145 | ①Trixylyl phosphate | 25155-23-1 | 0.01 |
| X | 146 | 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 | 0.01 |
| X | 147 | Dihexyl phthalate | 84-75-3 | 0.01 |
| X | 148 | Cadmium sulphide* | 1306-23-6 | 0.01 |
| X | 149 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)*** | 573-58-0 | 0.01 |
| X | 150 | Lead di(acetate)* | 301-04-2 | 0.01 |
| X | 151 | Imidazolidine-2-thione (2-imidazoline-2-thiol) | 96-45-7 | 0.01 |
| XI | 152 | ①1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 68515-50-4 | 0.01 |
| XI | 153 | Cadmium chloride* | 10108-64-2 | 0.01 |
| XI | 154 | ②Sodium perborate; perboric acid, sodium salt***** | 15120-21-5<br>11138-47-9 | 0.01 |
| XI | 155 | ②Sodium peroxometaborate***** | 7632-04-4 | 0.01 |
| XII | 156 | 2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 0.01 |
| XII | 157 | 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 0.01 |
| XII | 158 | 2-ethylhexyl 10-ethyl-4,4-dioctyl- 7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)* | 15571-58-1 | 0.05 |
| XII | 159 | Cadmium fluoride* | 7790-79-6 | 0.01 |
| XII | 160 | Cadmium sulphate* | 10124-36-4<br>31119-53-6 | 0.01 |

# Test Report



| Batch | No. | Substance Name(s) | CAS No. | RL (%) |
|---|---|---|---|---|
| XII | 161 | ①Reaction 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)* | - | 0.05 |
| XIII | 162 | ①1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201- 559-5) | 68515-51-5<br>68648-93-1 | 0.05 |
| XIII | 163 | ①5-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] | - | 0.05 |
| XIV | 164 | Nitrobenzene | 98-95-3 | 0.01 |
| XIV | 165 | 2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2-yl)phenol (UV-327) | 3864-99-1 | 0.01 |
| XIV | 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 36437-37-3 | 0.01 |
| XIV | 167 | 1,3-propanesultone | 1120-71-4 | 0.01 |
| XIV | 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts | 375-95-1<br>21049-39-8<br>4149-60-4 | 0.01 |
| XV | 169 | Benzo[def]chrysene (Benzo[a]pyrene) | 50-32-8 | 0.01 |
| XVI | 170 | 4,4'-isopropylidenediphenol (bisphenol A; BPA) | 80-05-7 | 0.01 |
| XVI | 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 3108-42-7<br>335-76-2<br>3830-45-3 | 0.01 |
| XVI | 172 | *p*-(1,1-dimethylpropyl)phenol | 80-46-6 | 0.01 |
| XVI | 173 | ①4-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] | - | 0.05 |
| XVII | 174 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS) | - | 0.0005 |
| XVIII | 175 | Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof) | - | 0.01 |
| XVIII | 176 | Benzo[a]anthracene | 56-55-3 | 0.01 |
| XVIII | 177 | Cadmium nitrate* | 10325-94-7 | 0.01 |
| XVIII | 178 | Cadmium carbonate* | 513-78-0 | 0.01 |
| XVIII | 179 | Cadmium hydroxide* | 21041-95-2 | 0.01 |
| XVIII | 180 | Chrysene | 218-01-9 | 0.01 |
| XVIII | 181 | ①Reaction 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)] | - | 0.05 |
| XIX | 182 | Octamethylcyclotetrasiloxane (D4) | 556-67-2 | 0.01 |
| XIX | 183 | Decamethylcyclopentasiloxane (D5) | 541-02-6 | 0.01 |
| XIX | 184 | Dodecamethylcyclohexasiloxane (D6) | 540-97-6 | 0.01 |
| XIX | 185 | Lead | 7439-92-1 | 0.01 |
| XIX | 186 | Disodium octaborate* | 12008-41-2 | 0.01 |
| XIX | 187 | Benzo[ghi]perylene | 191-24-2 | 0.01 |
| XIX | 188 | ①Terphenyl, hydrogenated | 61788-32-7 | 0.01 |
| XIX | 189 | Ethylenediamine (EDA) | 107-15-3 | 0.01 |

# Test Report



| Batch | No. | Substance Name(s) | CAS No. | RL (%) |
|---|---|---|---|---|
| XIX | 190 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA) | 552-30-7 | 0.01 |
| XIX | 191 | Dicyclohexyl phthalate (DCHP) | 84-61-7 | 0.01 |
| XX | 192 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 6807-17-6 | 0.01 |
| XX | 193 | Benzo[k]fluoranthene | 207-08-9 | 0.01 |
| XX | 194 | Fluoranthene | 206-44-0 | 0.01 |
| XX | 195 | Phenanthrene | 85-01-8 | 0.01 |
| XX | 196 | Pyrene | 129-00-0 | 0.01 |
| XX | 197 | 1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) (3-BC) | 15087-24-8 | 0.01 |
| XXI | 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) | - | 0.01 |
| XXI | 199 | 2-methoxyethyl acetate | 110-49-6 | 0.01 |
| XXI | 200 | 4-tert-butylphenol | 98-54-4 | 0.01 |
| XXI | 201 | ①Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) | - | 0.01 |
| XXII | 202 | 2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone | 119313-12-1 | 0.01 |
| XXII | 203 | 2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one | 71868-10-5 | 0.01 |
| XXII | 204 | Diisohexyl phthalate | 71850-09-4 | 0.01 |
| XXII | 205 | Perfluorobutane sulfonic acid (PFBS) and its salts | - | 0.01 |
| XXIII | 206 | 1-vinylimidazole | 1072-63-5 | 0.01 |
| XXIII | 207 | 2-methylimidazole | 693-98-1 | 0.01 |
| XXIII | 208 | Butyl 4-hydroxybenzoate | 94-26-8 | 0.01 |
| XXIII | 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin* | 22673-19-4 | 0.05 |
| XXIV | 210 | bis(2-(2-methoxyethoxy)ethyl) ether | 143-24-8 | 0.01 |
| XXIV | 211 | Dioctyltin 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* | - | 0.05 |
| XXV | 212 | 1,4-dioxane | 123-91-1 | 0.01 |
| XXV | 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 |
| XXV | 214 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers | - | 0.01 |
| XXV | 215 | 4,4'-(1-methylpropylidene)bisphenol (bisphenol B) | 77-40-7 | 0.01 |
| XXV | 216 | Glutaral | 111-30-8 | 0.01 |
| XXV | 217 | ①Medium-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 |
| XXV | 218 | Orthoboric acid, sodium salt* | 13840-56-7 | 0.01 |
| XXV | 219 | ①Phenol, 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) | - | 0.01 |
| XXVI | 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 |
| XXVI | 221 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol | 119-47-1 | 0.01 |
| XXVI | 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 | 0.01 |
| XXVI | 223 | tris(2-methoxyethoxy)vinylsilane | 1067-53-4 | 0.01 |

# Test Report



| Batch | No. | Substance Name(s) | CAS No. | RL (%) |
|---|---|---|---|---|
| XXVII | 224 | N-(hydroxymethyl)acrylamide | 924-42-5 | 0.01 |
| XXVIII | 225 | 1,1'-[ethane-1,2-diylbisoxy]bis [2,4,6-tribromobenzene] | 37853-59-1 | 0.01 |
| XXVIII | 226 | 2,2',6,6'-tetrabromo-4,4'- isopropylidenediphenol (TBBPA) | 79-94-7 | 0.01 |
| XXVIII | 227 | 4,4'-sulphonyldiphenol (BPS) | 80-09-1 | 0.01 |
| XXVIII | 228 | Barium diboron tetraoxide* | 13701-59-2 | 0.01 |
| XXVIII | 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof | - | 0.01 |
| XXVIII | 230 | Isobutyl 4-hydroxybenzoate | 4247-02-3 | 0.01 |
| XXVIII | 231 | Melamine | 108-78-1 | 0.05 |
| XXVIII | 232 | Perfluoroheptanoic acid and its salts | - | 0.01 |
| XXVIII | 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 | - | 0.05 |
| XXIX | 234 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 75980-60-8 | 0.01 |
| XXIX | 235 | Bis(4-chlorophenyl) sulphone | 80-07-9 | 0.01 |
| XXX | 236 | 2,4,6-tri-tert-butylphenol (2,4,6-TTBP) | 732-26-3 | 0.01 |
| XXX | 237 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) | 3147-75-9 | 0.01 |
| XXX | 238 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one | 119344-86-4 | 0.01 |
| XXX | 239 | Bumetrizole (UV-326) | 3896-11-5 | 0.01 |
| XXX | 240 | ①Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol | - | 0.01 |
| XXXI | 241 | Bis(α,α-dimethylbenzyl) peroxide | 80-43-3 | 0.01 |
| XXXI | 242 | Triphenyl phosphate | 115-86-6 | 0.01 |
| XXXII | 243 | 6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl] hexanoic acid | 2156592-54-8 | 0.01 |
| XXXII | 244 | O,O,O-triphenyl phosphorothioate | 597-82-0 | 0.01 |
| XXXII | 245 | Octamethyltrisiloxane | 107-51-7 | 0.01 |
| XXXII | 246 | Perfluamine | 338-83-0 | 0.01 |
| XXXII | 247 | Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives | 192268-65-8 | 0.01 |

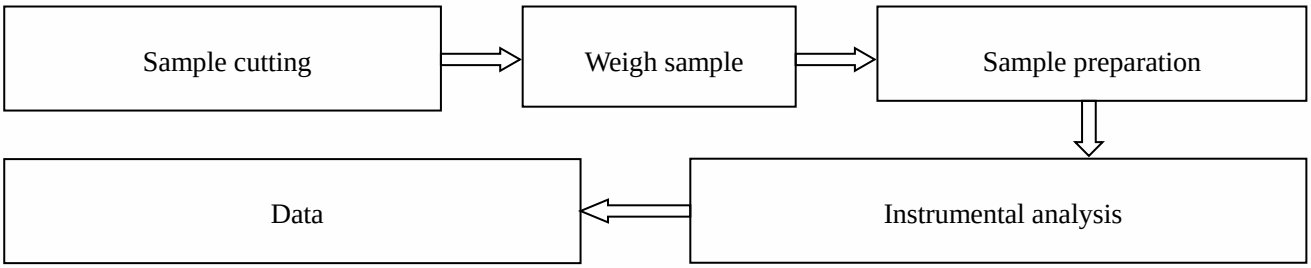
**List of intention/potential intention for identification of SVHC**

| Batch | No. | Substance Name(s) | CAS No. | RL (%) |
|---|---|---|---|---|
| XXXIII | 1 | 1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane | 17928-28-8 | 0.01 |
| XXXIII | 2 | Decamethyltetrasiloxane | 141-62-8 | 0.01 |
| XXXIII | 3 | 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 | - | 0.01 |
| ※ | 4 | Resorcinol | 108-46-3 | 0.01 |
| ⁂ | 5 | Hexamethyldisiloxane | 107-46-0 | 0.01 |
| ⁂ | 6 | Dodecamethylpentasiloxane | 141-63-9 | 0.01 |
| ⁂ | 7 | N-hexane | 110-54-3 | 0.01 |

**Appendix:**

1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
   1) Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.
   2) On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.
2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.
3. The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.
   1) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
   2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

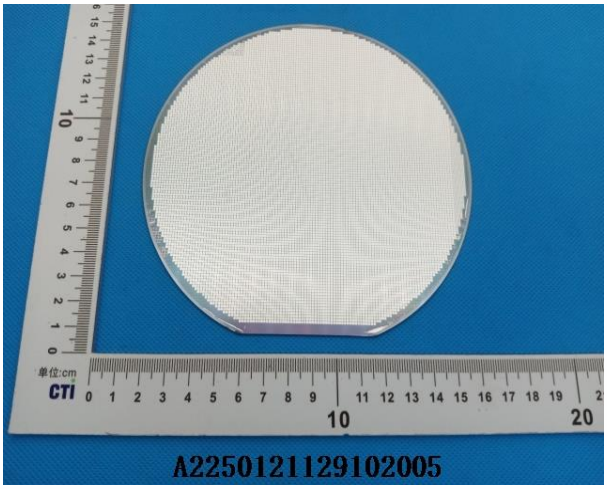
**Test Process**



# Test Report



## Photo(s) of the sample(s)




Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** End of Report ***