

# Test Report

Report No. : SHA55-26070893-JC-01-02En

SampleOrigin : Customer Sample Delivery

Client : Yantai Guangyuan Plastic Co., Ltd.

North of Gongjiadao Village, Zhifu District, Yantai

Address: City, Shandong Province, P.R.China

Shanghai WEIPU Testing Technology Group Co., LTD.



# Test Report

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

Sample Name: film

Sample color / character / material: Solid

Specification: /

Type/ Batch number: /

Manufacturer: Yantai Guangyuan Plastic Co., Ltd.

**Testing information:**

Date of Sample Received: 2026-07-29

Testing Period: 2026-07-29~ 2026-08-07

Test Item(s): Selected test (s) as requested by client.

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

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

**Complied by:**



**Approved by:**



**Issued Date:**

2026-08-07

**Test Part Description:**

| <u>Serial No.</u> | <u>Name</u> | <u>Sample ID</u> | <u>Description</u> |
|-------------------|-------------|------------------|--------------------|
| 001               | film        | 2607016174-1     | Transparent solid  |

**Test Method and Apparatus:**

SVHC screening is performed according to: 253 substances in the Candidate List of Substances of Very High Concern(SVHC) for authorization published by European Chemicals Agency (ECHA) regarding Regulating (EC) No 1907/2006 concerning the REACH . Analyzed by ED-XRF , IC , ICP-OES , UV-Vis , GC-MS , HPLC , LC-MS , UPLC-MS/ MS.

**Test Results:**

| <u>Substance Name</u>             | <u>CAS No.</u> | <u>MDL (%)</u> | <u>Result(s) (%)</u> |
|-----------------------------------|----------------|----------------|----------------------|
| All tested SVHC in candidate list | -              | -              | N.D.                 |

**Summary: PASS**

According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, and the specified scope and evaluation screening, the test results of SVHC are  $\leq 0.1\%$  (w/w) in the articles of the submitted sample.

**SVHC not included in the control candidate list :**

| <u>Substance Name</u> | <u>CAS No.</u> | <u>MDL (%)</u> | <u>Result(s) (%)</u> |
|-----------------------|----------------|----------------|----------------------|
| Resorcinol            | 108-46-3       | 0.05           | N.D.                 |

**Notes:**

- (1) The table above only shows detected SVHC, and SVHC that below MDL are not reported. Please refer to Appendix for the full list of tested SVHC.
- (2) MDL =Method Detection Limit
- (3) N.D .:= Not Detected ( < MDL)
- (4) “ - ” = Not Regulated
- (5) “  $\Delta$  ” : The test result is based on the calculation of selected element(s) and to the worst-case scenario.
- (6) “ \*\* ” : The substance is proposed for the identification as SVHC only where it contains Michler’s ketone (CAS No. 90-94-8) or Michler’s base (CAS No. 101-61-1) $\geq 0.1\%$ (w / w).
- (7) In view of the analysis deand and the limitation in the sample, the sreening rule is only applied to the parts and materials that are enough tested in the finished product.
- (8) NA^ = Based on the verification of the specific element detdcted and the information provided by the customer, the possibility of this element in the form of SVHC is very sall, although the possibility of its existence cannot be completely excluded. The specific element in this sample should come from other compounds.

**Remarks:**

1. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (1) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (2) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w);
2. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.
3. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA: <https://echa.europa.eu/home>  
These lists are under evaluation by ECHA and may subject to change in the future.

**Appendix:**

| <b>No.</b> | <b>Substance Name</b>                                                                  | <b>CAS No.</b>                                                            | <b>MDL (%)</b> |
|------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|
| 1          | Alkanes, C10-13, chloro<br>(Short Chain Chlorinated Paraffins)                         | 85535-84-8                                                                | 0.05           |
| 2          | Anthracene                                                                             | 120-12-7                                                                  | 0.05           |
| 3          | Benzyl butyl phthalate (BBP)                                                           | 85-68-7                                                                   | 0.05           |
| 4          | Bis(2-ethylhexyl)phthalate (DEHP)                                                      | 117-81-7                                                                  | 0.05           |
| 5          | Bis(tributyltin)oxide (TBTO)                                                           | 56-35-9                                                                   | 0.05           |
| 6          | Cobalt dichloride                                                                      | 7646-79-9                                                                 | 0.001          |
| 7          | Diarsenic pentoxide                                                                    | 1303-28-2                                                                 | 0.001          |
| 8          | Diarsenic trioxide                                                                     | 1327-53-3                                                                 | 0.001          |
| 9          | Dibutyl phthalate (DBP)                                                                | 84-74-2                                                                   | 0.05           |
| 10         | 4, 4'-Diaminodiphenylmethane (MDA)                                                     | 101-77-9                                                                  | 0.05           |
| 11         | 5-tert-butyl-2,4,6-trinitro-m-xylene                                                   | 81-15-2                                                                   | 0.05           |
| 12         | Hexabromocyclododecane<br>( $\alpha$ - HBCDD,<br>$\beta$ - HBCDD,<br>$\gamma$ - HBCDD) | 25637-99-4,<br>3194-55-6<br>(134237-50-6,<br>134237-51-7,<br>134237-52-8) | 0.05           |
| 13         | Lead hydrogen arsenate                                                                 | 7784-40-9                                                                 | 0.001          |
| 14         | Sodium dichromate                                                                      | 7789-12-0,<br>10588-01-9                                                  | 0.001          |
| 15         | Triethyl arsenate                                                                      | 15606-95-8                                                                | 0.001          |
| 16         | Anthracene oil                                                                         | 90640-80-5                                                                | 0.05           |
| 17         | Anthracene oil,<br>anthracene paste, distn. Lights                                     | 91995-17-4                                                                | 0.05           |
| 18         | Anthracene oil,<br>anthracene paste, anthracene fraction                               | 91995-15-2                                                                | 0.05           |

| No. | Substance Name                                                                                                                            | CAS No.                               | MDL (%) |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------|
| 19  | Anthracene oil, anthracene-low                                                                                                            | 90640-82-7                            | 0.05    |
| 20  | Anthracene oil, anthracene paste                                                                                                          | 90640-81-6                            | 0.05    |
| 21  | Pitch, coal tar, high temp.                                                                                                               | 65996-93-2                            | 0.05    |
| 22  | Acrylamide                                                                                                                                | 79-06-1                               | 0.05    |
| 23  | 2,4-Dinitrotoluene                                                                                                                        | 121-14-2                              | 0.05    |
| 24  | Diisobutyl phthalate (DIBP)                                                                                                               | 84-69-5                               | 0.05    |
| 25  | Lead chromate△                                                                                                                            | 7758-97-6                             | 0.001   |
| 26  | C.I. Pigment Red 104△                                                                                                                     | 12656-85-8                            | 0.001   |
| 27  | C.I. Pigment Yellow 34△                                                                                                                   | 1344-37-2                             | 0.001   |
| 28  | Tris(2-chloroethyl)phosphate                                                                                                              | 115-96-8                              | 0.05    |
| 29  | Trichloroethylene                                                                                                                         | 79-01-6                               | 0.05    |
| 30  | Boric acid△                                                                                                                               | 10043-35-3/11113-50-1                 | 0.001   |
| 31  | Disodium tetraborate, anhydrous△                                                                                                          | 1330-43-4,<br>12179-04-3<br>1303-96-4 | 0.001   |
| 32  | Tetraboron disodium heptaoxide, hydrate△                                                                                                  | 12267-73-1                            | 0.001   |
| 33  | Sodium chromate△                                                                                                                          | 7775-11-3                             | 0.001   |
| 34  | Potassium chromate△                                                                                                                       | 7789-00-6                             | 0.001   |
| 35  | Ammonium dichromate△                                                                                                                      | 7789-09-5                             | 0.001   |
| 36  | Potassium dichromate△                                                                                                                     | 7778-50-9                             | 0.001   |
| 37  | Cobalt(II) sulphate△                                                                                                                      | 10124-43-3                            | 0.001   |
| 38  | Cobalt(II) dinitrate△                                                                                                                     | 10141-05-6                            | 0.001   |
| 39  | Cobalt(II) carbonate△                                                                                                                     | 513-79-1                              | 0.001   |
| 40  | Cobalt(II) diacetate△                                                                                                                     | 71-48-7                               | 0.001   |
| 41  | 2-Methoxyethanol                                                                                                                          | 109-86-4                              | 0.05    |
| 42  | 2-Ethoxyethanol                                                                                                                           | 110-80-5                              | 0.05    |
| 43  | Chromium trioxide△                                                                                                                        | 1333-82-0                             | 0.001   |
| 44  | Acids generated from chromium trioxide and their oligomers: Chromic acid△, Dichromic acid△, Oligomers of chromic acid and dichromic acid△ | -<br>7738-94-5<br>13530-68-2<br>-     | 0.001   |
| 45  | 2-ethoxyethyl acetate                                                                                                                     | 111-15-9                              | 0.05    |
| 46  | 1, 2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)                                                          | 68515-42-4                            | 0.05    |
| 47  | Hydrazine                                                                                                                                 | 7803-57-8,<br>302-01-2                | 0.05    |
| 48  | 1-methyl-2-pyrrolidone                                                                                                                    | 872-50-4                              | 0.05    |
| 49  | 1, 2, 3-trichloropropane                                                                                                                  | 96-18-4                               | 0.05    |

| No. | Substance Name                                                                                                  | CAS No.    | MDL (%) |
|-----|-----------------------------------------------------------------------------------------------------------------|------------|---------|
| 50  | 1, 2-Benzenedicarboxylic acid,<br>di-C6-8-branched alkyl esters, C7-rich (DIHP)                                 | 71888-89-6 | 0.05    |
| 51  | strontium chromate $\Delta$                                                                                     | 7789-06-2  | 0.001   |
| 52  | Dichromiumtris(chromate) $\Delta$                                                                               | 24613-89-6 | 0.001   |
| 53  | Potassium $\Delta$                                                                                              | 11103-86-9 | 0.001   |
| 54  | Pentazinc chromate octahydroxide $\Delta$                                                                       | 49663-84-5 | 0.001   |
| 55  | Aluminosilicate<br>RefractoryCeramicFibres $\Delta$                                                             | -          | 0.001   |
| 56  | ZirconiaAluminosilicate Refractory<br>Ceramic Fibres $\Delta$                                                   | -          | 0.001   |
| 57  | Formaldehyde, oligomeric reaction<br>products with aniline                                                      | 25214-70-4 | 0.05    |
| 58  | Bis(2-methoxyethyl) phthalate                                                                                   | 117-82-8   | 0.05    |
| 59  | 2-Methoxyaniline                                                                                                | 90-04-0    | 0.05    |
| 60  | 4-(1, 1, 3, 3-tetramethylbutyl)phenol                                                                           | 140-66-9   | 0.05    |
| 61  | 1, 2-Dichloroethane                                                                                             | 107-06-2   | 0.05    |
| 62  | Bis(2-methoxyethyl) ether                                                                                       | 111-96-6   | 0.05    |
| 63  | Arsenic acid $\Delta$                                                                                           | 7778-39-4  | 0.001   |
| 64  | Calcium arsenate $\Delta$                                                                                       | 7778-44-1  | 0.001   |
| 65  | Trileaddiarsenate $\Delta$                                                                                      | 3687-31-8  | 0.001   |
| 66  | N, N-dimethylacetamide                                                                                          | 127-19-5   | 0.05    |
| 67  | 2, 2'-dichloro-4, 4'-methylenedianiline                                                                         | 101-14-4   | 0.05    |
| 68  | Phenolphthalein                                                                                                 | 77-09-8    | 0.05    |
| 69  | Lead diazide, Lead azide $\Delta$                                                                               | 13424-46-9 | 0.001   |
| 70  | Lead styphnate $\Delta$                                                                                         | 15245-44-0 | 0.001   |
| 71  | Lead dipicrate $\Delta$                                                                                         | 6477-64-1  | 0.001   |
| 72  | 1, 2-bis(2-methoxyethoxy)<br>ethane(TEGDME)                                                                     | 112-49-2   | 0.05    |
| 73  | 1, 2-dimethoxyethane(EGDME)                                                                                     | 110-71-4   | 0.05    |
| 74  | Diboron trioxide $\Delta$                                                                                       | 1303-86-2  | 0.001   |
| 75  | Formamide                                                                                                       | 75-12-7    | 0.05    |
| 76  | Lead(II) bis(methanesulfonate) $\Delta$                                                                         | 17570-76-2 | 0.001   |
| 77  | TGIC (1, 3, 5-tris(oxiranylmethyl)- 1, 3,<br>5-triazine-2, 4, 6(1H, 3H, 5H)-trione)                             | 2451-62-9  | 0.05    |
| 78  | $\beta$ -TGIC(1, 3, 5-tris[(2S and 2R)-<br>2, 3-epoxypropyl]- 1, 3, 5-triazine-<br>2, 4, 6-(1H, 3H, 5H)-trione) | 59653-74-6 | 0.05    |
| 79  | 4, 4'-bis(dimethylamino)benzophenone<br>(Michler's Ketone)                                                      | 90-94-8    | 0.05    |

| No.      | Substance Name                                                                                                                           | CAS No.                                                 | MDL (%) |
|----------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------|
| 80       | N, N, N', N'-tetramethyl-4, 4'-methylenedianiline (Michler's base)                                                                       | 101-61-1                                                | 0.05    |
| 81       | C.I. Basic Blue 26**                                                                                                                     | 2580-56-5                                               | 0.05    |
| 82       | C.I. Basic Violet 3**                                                                                                                    | 548-62-9                                                | 0.05    |
| 83       | 4, 4'-bis(dimethylamino)- 4''-(methylamino)trityl alcohol**                                                                              | 561-41-1                                                | 0.05    |
| 84       | C.I. Solvent Blue 4**                                                                                                                    | 6786-83-0                                               | 0.05    |
| 85       | Bis(pentabromophenyl) ether                                                                                                              | 1163-19-5                                               | 0.05    |
| 86       | Pentacosafuorotridecanoic acid                                                                                                           | 72629-94-8                                              | 0.05    |
| 87       | Tricosafuorododecanoic acid                                                                                                              | 307-55-1                                                | 0.05    |
| 88       | Henicosafuoroundecanoic acid                                                                                                             | 2058-94-8                                               | 0.05    |
| 89       | Heptacosafuorotetradecanoic acid                                                                                                         | 376-06-7                                                | 0.05    |
| 90       | Diazene-1, 2-dicarboxamide                                                                                                               | 123-77-3                                                | 0.05    |
| 91       | Cyclohexane-1, 2-dicarboxylic anhydride、<br>cis-cyclohexane-1, 2-dicarboxylic anhydride<br>trans-cyclohexane-1, 2-dicarboxylic anhydride | 85-42-7,<br>13149-00-3,<br>14166-21-3                   | 0.05    |
| 92       | MHHPA、<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 | 0.05    |
| 93       | 4-Nonylphenol, branched and linear                                                                                                       | /                                                       | 0.05    |
| 94       | 4-(1, 1, 3, 3-tetramethylbutyl)phenol, ethoxylated                                                                                       | /                                                       | 0.05    |
| 95       | Methoxyacetic acid                                                                                                                       | 625-45-6                                                | 0.05    |
| 96<br>96 | N, N-Dimethylformamide                                                                                                                   | 68-12-2                                                 | 0.05    |
| 97       | Dibutyltin dichloride                                                                                                                    | 683-18-1                                                | 0.05    |
| 98       | Lead monoxide△                                                                                                                           | 1317-36-8                                               | 0.001   |
| 99       | Lead tetroxide (orange lead)△                                                                                                            | 1314-41-6                                               | 0.001   |
| 100      | Lead bis(tetrafluoroborate)△                                                                                                             | 13814-96-5                                              | 0.001   |
| 101      | Trileadbis(carbonate)<br>dihydroxid(basic lead carbonate) △                                                                              | 1319-46-6                                               | 0.001   |
| 102      | Lead titanium trioxide△                                                                                                                  | 12060-00-3                                              | 0.001   |
| 103      | Lead titanium zirconium oxide△                                                                                                           | 12626-81-2                                              | 0.001   |
| 104      | Silicic acid, lead salt△                                                                                                                 | 11120-22-2                                              | 0.001   |
| 105      | Silicic acid, barium salt, lead-doped△                                                                                                   | 68784-75-8                                              | 0.001   |
| 106      | 1-Bromopropane                                                                                                                           | 106-94-5                                                | 0.05    |
| 107      | Methyloxirane (Propylene oxide)                                                                                                          | 75-56-9                                                 | 0.05    |

| No. | Substance Name                                                    | CAS No.     | MDL (%) |
|-----|-------------------------------------------------------------------|-------------|---------|
| 108 | 1, 2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0  | 0.05    |
| 109 | Diisopentylphthalate                                              | 605-50-5    | 0.05    |
| 110 | N-Pentyl-isopentylphthalate                                       | 776297-69-9 | 0.05    |
| 111 | Ethylene glycol diethylether                                      | 629-14-1    | 0.05    |
| 112 | Acetic acid, lead salt, basic                                     | 51404-69-4  | 0.001   |
| 113 | Lead oxide sulfate△                                               | 12036-76-9  | 0.001   |
| 114 | [Phthalato(2-)]dioxotrilead△                                      | 69011-06-9  | 0.001   |
| 115 | Dioxobis(stearato)trilead△                                        | 12578-12-0  | 0.001   |
| 116 | Fatty acids, C16-18, lead salts△                                  | 91031-62-8  | 0.001   |
| 117 | Lead cyanamidate△                                                 | 20837-86-9  | 0.001   |
| 118 | Lead dinitrate△                                                   | 10099-74-8  | 0.001   |
| 119 | Pentaleadtetraoxidesulphate△                                      | 12065-90-6  | 0.001   |
| 120 | Pyrochlore, antimony lead yellow△                                 | 8012-00-8   | 0.001   |
| 121 | Sulfurous acid, lead salt, dibasic△                               | 62229-08-7  | 0.001   |
| 122 | Tetraethyllead△                                                   | 78-00-2     | 0.001   |
| 123 | Tetralead trioxide sulphate△                                      | 12202-17-4  | 0.001   |
| 124 | Trilead dioxide phosphonate△                                      | 12141-20-7  | 0.001   |
| 125 | Furan                                                             | 110-00-9    | 0.05    |
| 126 | Diethyl sulphate                                                  | 64-67-5     | 0.05    |
| 127 | Dimethyl sulphate                                                 | 77-78-1     | 0.05    |
| 128 | 3-Ethyl-2-methyl-2-(3-methylbutyl)-1, 3-oxazolidine               | 143860-04-2 | 0.05    |
| 129 | Dinoseb                                                           | 88-85-7     | 0.05    |
| 130 | 4, 4'-Methylenedi-o-toluidine                                     | 838-88-0    | 0.05    |
| 131 | 4, 4'-Oxydianiline and its salts                                  | 101-80-4    | 0.05    |
| 132 | 4-Aminoazobenzene                                                 | 60-09-3     | 0.05    |
| 133 | 4-Methyl-m-phenylenediamine                                       | 95-80-7     | 0.05    |
| 134 | 6-Methoxy-m-toluidine                                             | 120-71-8    | 0.05    |
| 135 | Biphenyl-4-ylamine                                                | 92-67-1     | 0.05    |
| 136 | o-Aminoazotoluene                                                 | 97-56-3     | 0.05    |
| 137 | o-Toluidine                                                       | 95-53-4     | 0.05    |
| 138 | N-Methylacetamide                                                 | 79-16-3     | 0.05    |
| 139 | Cadmium                                                           | 7440-43-9   | 0.001   |
| 140 | Ammonium pentadecafluorooctanoate (APFO)                          | 3825-26-1   | 0.05    |
| 141 | Pentadecafluorooctanoic acid (PFOA)                               | 335-67-1    | 0.05    |
| 142 | Dipentyl phthalate (DPP)                                          | 131-18-0    | 0.05    |

| No. | Substance Name                                                                                                                                                                                                                                | CAS No.                   | MDL (%) |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------|
| 143 | 4-Nonylphenol, branched and lineal, ethoxylated                                                                                                                                                                                               | -                         | 0.05    |
| 144 | Cadmium oxide $\Delta$                                                                                                                                                                                                                        | 1306-19-0                 | 0.001   |
| 145 | Cadmium sulphide $\Delta$                                                                                                                                                                                                                     | 1306-23-6                 | 0.001   |
| 146 | C.I. Direct black 38                                                                                                                                                                                                                          | 1937-37-7                 | 0.05    |
| 147 | Dihexyl Phthalate                                                                                                                                                                                                                             | 84-75-3                   | 0.05    |
| 148 | Imidazolidine-2-thione;<br>2-imidazoline-2-thiol                                                                                                                                                                                              | 96-45-7                   | 0.05    |
| 149 | Triethyl Phosphate                                                                                                                                                                                                                            | 25155-23-1                | 0.05    |
| 150 | C.I. Direct Red 28                                                                                                                                                                                                                            | 573-58-0                  | 0.05    |
| 151 | Lead di(acetate) $\Delta$                                                                                                                                                                                                                     | 301-04-2                  | 0.001   |
| 152 | 1, 2-Benzenedicarboxylic acid, dihexyl ester, branched and linear                                                                                                                                                                             | 68515-50-4                | 0.05    |
| 153 | Cadmium chloride $\Delta$                                                                                                                                                                                                                     | 10108-64-2                | 0.001   |
| 154 | Sodium perborate $\Delta$ ;<br>perboric acid, sodium salt $\Delta$                                                                                                                                                                            | -                         | 0.001   |
| 155 | Sodium peroxometaborate $\Delta$                                                                                                                                                                                                              | 7632-04-4                 | 0.001   |
| 156 | Cadmium fluoride $\Delta$                                                                                                                                                                                                                     | 7790-79-6                 | 0.001   |
| 157 | Cadmium sulphate $\Delta$                                                                                                                                                                                                                     | 10124-36-4,<br>31119-53-6 | 0.001   |
| 158 | 2-benzotriazol-2-yl-4, 6-di-tert-butylphenol                                                                                                                                                                                                  | 3846-71-7                 | 0.05    |
| 159 | 2-(2H-benzotriazol-2-yl)- 4, 6-ditertpentylphenol                                                                                                                                                                                             | 25973-55-1                | 0.05    |
| 160 | DOTP                                                                                                                                                                                                                                          | 15571-58-1                | 0.05    |
| 161 | Reaction mass of DOTP and MTPP                                                                                                                                                                                                                | -                         | 0.05    |
| 162 | 1, 2-benzenedicarboxylic acid, di-C6-10-alkyl esters;<br>1, 2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with $\geq 0.3\%$ of dihexyl phthalate                                                                        | 68515-51-5,<br>68648-93-1 | 0.05    |
| 163 | 5-sec-butyl-2-(2, 4-dimethylcyclohex-3-en-1-yl)-5-methyl-1, 3-dioxane [1],<br>5-sec-butyl-2-(4, 6-dimethylcyclohex-3-en-1-yl)-5-methyl-1, 3-dioxane [2]<br>[covering any of the individual isomers of [1] and [2] or any combination thereof] | -                         | 0.05    |
| 164 | 1, 3-propanesultone                                                                                                                                                                                                                           | 1120-71-4                 | 0.05    |
| 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol                                                                                                                                                                                        | 3864-99-1                 | 0.05    |

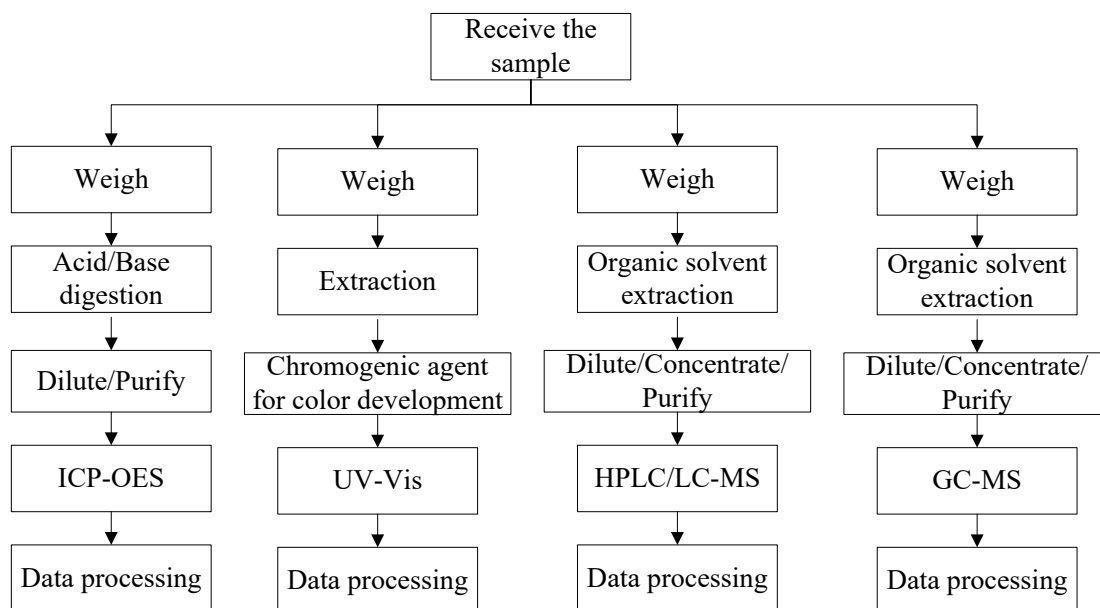
| No. | Substance Name                                                                                                                                                                                                                                                                                     | CAS No.                             | MDL (%) |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|
| 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol                                                                                                                                                                                                                                        | 36437-37-3                          | 0.05    |
| 167 | Nitrobenzene                                                                                                                                                                                                                                                                                       | 98-95-3                             | 0.05    |
| 168 | Perfluorononan-1-oic acid (2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 8, 9, 9, 9-heptafluorononanoic acid and its sodium and ammonium salts                                                                                                                                                            | 375-95-1<br>21049-39-8<br>4149-60-4 | 0.05    |
| 169 | Benzo[def]chrysene (Benzo[a]pyrene)                                                                                                                                                                                                                                                                | 50-32-8                             | 0.05    |
| 170 | 4,4'-isopropylidenediphenol (BPA)                                                                                                                                                                                                                                                                  | 80-05-7                             | 0.05    |
| 171 | Nonadecafluorodecanoic acid and its sodium and ammonium salts                                                                                                                                                                                                                                      | 3108-42-7<br>335-76-2<br>3830-45-3  | 0.05    |
| 172 | p-(1,1-dimethylpropyl)phenol                                                                                                                                                                                                                                                                       | 80-46-6                             | 0.05    |
| 173 | 4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well- defined substances which include any of the individual isomers or a combination thereof] | -                                   | 0.05    |
| 174 | Perfluorohexane-1-sulphonic acid and its salts                                                                                                                                                                                                                                                     | -                                   | 0.05    |
| 175 | Chrysene                                                                                                                                                                                                                                                                                           | 218-01-9                            | 0.05    |
| 176 | Benz[a]anthracene                                                                                                                                                                                                                                                                                  | 56-55-3                             | 0.05    |
| 177 | Cadmium nitrate $\Delta$                                                                                                                                                                                                                                                                           | 10325-94-7                          | 0.001   |
| 178 | Cadmium hydroxide $\Delta$                                                                                                                                                                                                                                                                         | 21041-95-2                          | 0.001   |
| 179 | Cadmium carbonate $\Delta$                                                                                                                                                                                                                                                                         | 513-78-0                            | 0.001   |
| 180 | 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" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]                                                                       | -                                   | 0.05    |
| 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]                                                                                                               | -                                   | 0.05    |
| 182 | Benzene-1, 2, 4-tricarboxylic acid 1, 2 anhydride (trimellitic anhydride)                                                                                                                                                                                                                          | 552-30-7                            | 0.05    |
| 183 | Benzo[ghi]perylene                                                                                                                                                                                                                                                                                 | 191-24-2                            | 0.05    |

| No. | Substance Name                                                                                                                                              | CAS No.     | MDL (%) |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|
| 184 | Decamethylcyclopentasiloxane                                                                                                                                | 541-02-6    | 0.05    |
| 185 | Dicyclohexyl phthalate (DCHP)                                                                                                                               | 84-61-7     | 0.05    |
| 186 | Disodium octaborate $\Delta$                                                                                                                                | 12008-41-2  | 0.001   |
| 187 | Dodecamethylcyclohexasiloxane (D6)                                                                                                                          | 540-97-6    | 0.05    |
| 188 | Ethylenediamine                                                                                                                                             | 107-15-3    | 0.05    |
| 189 | Lead                                                                                                                                                        | 7439-92-1   | 0.001   |
| 190 | Octamethylcyclotetrasiloxane (D4)                                                                                                                           | 556-67-2    | 0.05    |
| 191 | Terphenyl hydrogenated                                                                                                                                      | 61788-32-7  | 0.05    |
| 192 | 2, 2-bis(4'-hydroxyphenyl)- 4- methylpentane                                                                                                                | 6807-17-6   | 0.05    |
| 193 | Benzo[k]fluoranthene                                                                                                                                        | 207-08-9    | 0.05    |
| 194 | Fluoranthene                                                                                                                                                | 206-44-0    | 0.05    |
| 195 | Phenanthrene                                                                                                                                                | 85-01-8     | 0.05    |
| 196 | Pyrene                                                                                                                                                      | 129-00-0    | 0.05    |
| 197 | BENZYLIDENE CAMPHOR                                                                                                                                         | 15087-24-8  | 0.05    |
| 198 | 2, 3, 3, 3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its Acyl halides(coveing any of their individual Isomers and combinations there of) (HFPO-DA) | -           | 0.05    |
| 199 | 2-Methoxyethyl acetate                                                                                                                                      | 110-49-6    | 0.05    |
| 200 | 4-tert-Butylphenol                                                                                                                                          | 98-54-4     | 0.05    |
| 201 | Tris(4-nonylphenyl, branched and linear) phosphite with $\geq 0.1\%$ w/w of 4-Nonylphenol, branched and linear(4-NP)                                        | -           | 0.05    |
| 202 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone                                                                                                         | 119313-12-1 | 0.05    |
| 203 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one                                                                                                    | 71868-10-5  | 0.05    |
| 204 | Diisohexyl phthalate                                                                                                                                        | 71850-09-4  | 0.05    |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts                                                                                                          | -           | 0.05    |
| 206 | 1-vinylimidazole                                                                                                                                            | 1072-63-5   | 0.05    |
| 207 | 2-methylimidazole                                                                                                                                           | 693-98-1    | 0.05    |
| 208 | Butyl 4-hydroxybenzoate                                                                                                                                     | 94-26-8     | 0.05    |
| 209 | Dibutlbis ( pentane-2 , 4-dionto-O , O')tin                                                                                                                 | 22673-19-4  | 0.05    |
| 210 | Tetraethylene glycol dimethyl ether                                                                                                                         | 143-24-8    | 0.05    |
| 211 | Dioctyltin dilaurate and other Dioctyltin bis (fatty acyloxy) derivatives                                                                                   | 3648-18-8   | 0.05    |
| 212 | 1,4-Dioxane                                                                                                                                                 | 123-91-1    | 0.05    |

| No. | Substance Name                                                                                                                                                                             | CAS No.                                            | MDL (%) |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------|
| 213 | 2,2-Bis(bromomethyl)propane-1,3-diol (BMP)<br>Trisbromoneopentyl alcohol (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 | 0.05    |
| 214 | 2 - (4-tert-butylbenzyl) propionaldehyde and its stereoisomers                                                                                                                             | -                                                  | 0.05    |
| 215 | 2,2-Bis(4-hydroxyphenyl)butane                                                                                                                                                             | 77-40-7                                            | 0.05    |
| 216 | Glutaraldehyde                                                                                                                                                                             | 111-30-8                                           | 0.05    |
| 217 | Medium chain chlorinated paraffins (MCCP)<br>(UVCB material, consisting of more than 80% linear chlorinated alkanes with carbon chain length between C <sub>14</sub> and C <sub>17</sub> ) | -                                                  | 0.05    |
| 218 | Boric acid                                                                                                                                                                                 | 13840-56-7                                         | 0.05    |
| 219 | Alkylphenols, whose carbon chain (C <sub>12</sub> based, straight or branched) is mainly in the para position, including any single isomer or combination (PDDP)                           | -                                                  | 0.05    |
| 220 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol                                                                                                                                               | 119-47-1                                           | 0.05    |
| 221 | 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                                        | 0.05    |
| 222 | tris(2-methoxyethoxy)vinylsilane                                                                                                                                                           | 1067-53-4                                          | 0.05    |
| 223 | (±)-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)                                     | -                                                  | 0.05    |
| 224 | N-Methylolacrylamide                                                                                                                                                                       | 924-42-5                                           | 0.05    |
| 225 | 1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]                                                                                                                                     | 37853-59-1                                         | 0.05    |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol                                                                                                                                           | 79-94-7                                            | 0.05    |
| 227 | 4,4'-sulphonyldiphenol                                                                                                                                                                     | 80-09-1                                            | 0.05    |
| 228 | Barium diboron tetraoxide $\Delta$                                                                                                                                                         | 13701-59-2                                         | 0.001   |
| 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof                                                                                   | -                                                  | 0.05    |
| 230 | Isobutyl 4-hydroxybenzoate                                                                                                                                                                 | 4247-02-3                                          | 0.05    |
| 231 | Melamine                                                                                                                                                                                   | 108-78-1                                           | 0.05    |
| 232 | Perfluoroheptanoic acid and its salts                                                                                                                                                      | -                                                  | 0.05    |
| 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    |
| 234 | 4,4'-Dichlorodiphenyl sulfone                                                                                                                                                              | 80-07-9                                            | 0.05    |
| 235 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide                                                                                                                                            | 75980-60-8                                         | 0.05    |
| 236 | 2,4,6-Tri-tert-butylphenol                                                                                                                                                                 | 732-26-3                                           | 0.05    |
| 237 | UV-329                                                                                                                                                                                     | 3147-75-9                                          | 0.05    |
| 238 | PI379                                                                                                                                                                                      | 119344-86-4                                        | 0.05    |

| <u>No.</u> | <u>Substance Name</u>                                                                                                                                                                                                                                                                                 | <u>CAS No.</u> | <u>MDL (%)</u> |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| 239        | UV Absorber 326                                                                                                                                                                                                                                                                                       | 3896-11-5      | 0.05           |
| 240        | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol                                                                                                                                                                                                                        | -              | 0.05           |
| 241        | Dicumyl peroxide                                                                                                                                                                                                                                                                                      | 80-43-3        | 0.05           |
| 242        | Triphenyl phosphate                                                                                                                                                                                                                                                                                   | 115-86-6       | 0.05           |
| 243        | Octamethyltrisiloxane                                                                                                                                                                                                                                                                                 | 107-51-7       | 0.05           |
| 244        | 6-[(C10-C13)- alkyl -( branched , unsaturated )-2,5- dioxopyrrolidin -1- yl] hexanoic acid                                                                                                                                                                                                            | 2156592-54-8   | 0.05           |
| 245        | O,O,O-triphenyl phosphorothioate                                                                                                                                                                                                                                                                      | 597-82-0       | 0.05           |
| 246        | Perfluamine                                                                                                                                                                                                                                                                                           | 338-83-0       | 0.05           |
| 247        | reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives                                                                                                                                                                                                                    | 192268-65-8    | 0.05           |
| 248        | Methyltris(trimethylsiloxy)silane                                                                                                                                                                                                                                                                     | 17928-28-8     | 0.05           |
| 249        | DECAMETHYLTETRASILOXANE                                                                                                                                                                                                                                                                               | 141-62-8       | 0.05           |
| 250        | tetra(sodium/potassium)<br>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)diazeryl]-5-methoxyphenyl}diazeryl]-1,3,6-naphthalenetrisulfonate(Reactive Brown 51) | -              | 0.1            |
| 251        | 1,1'-(ethane-1,2-diyl)bis[pentabromobenzene](DBDPE)                                                                                                                                                                                                                                                   | 84852-53-9     | 0.05           |
| 252        | Hexane                                                                                                                                                                                                                                                                                                | 110-54-3       | 0.05           |
| 253        | 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (BPAF)and its salts                                                                                                                                                                                                                      | -              | 0.05           |

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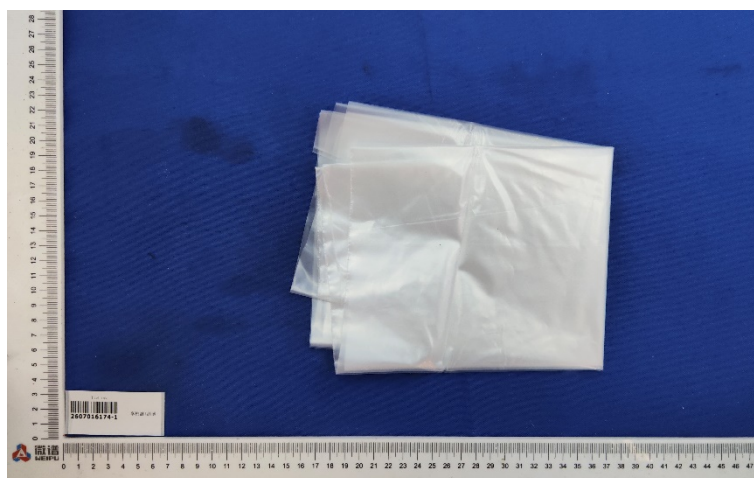
**Flow Chart:**

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