



Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 1 of 14

Applicant : Ropla Elektronik Sp. z o.o.
Address : ul. Wrocławska 1C, 52-200 Suchy Dwór

Manufacturer : Ropla Elektronik Sp. z o.o.
Address : ul. Wrocławska 1C, 52-200 Suchy Dwór

Sample Name : Polymer Lithium-Ion Battery
Sample Model : LP 503040
Add Models : LP series - Akyga battery prismatic type of Lithium polymer rechargeable battery
Trade Name : AKYGA
Receiving Date : May 09, 2022
Testing Period : May 09, 2022 to May 12, 2022
Test Requested : As requested by client, SVHC screening is performed according to Two hundred and twenty-three (223) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 17, 2022 regarding Regulation (EC) No 1907/2006 concerning the REACH.
Test Method : With reference to ZRLK In-House method, analysis was performed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.
Test Results : Please refer to next page(s)
Conclusion :

| | |
|---|------|
| According to the specified scope and evaluation screening, the test results of SVHC are $\leq 0.1\%$ (w/w) in the submitted sample. | PASS |
|---|------|



Edited by: Camile Li Reviewed by: Morgan Li Approved by: Terry Cao

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 2 of 14

Sample Description

| Group No. | Part No. | Part Description | Part No. | Part Description |
|-----------|----------|-----------------------------|----------|-----------------------------|
| A1 | 1 | Yellow tape | 2 | Black resistance |
| | 3 | Green PCB | 5 | Red plastic electric wire |
| | 6 | Black plastic electric wire | 8 | Red plastic |
| | 10 | Al-plastic film | 12 | Green tape |
| | 13 | White plastic film | 14 | Positive electrode material |
| | 16 | Negative electrode material | --- | --- |
| A2 | 4 | Tin solder | 7 | Silvery metal wire |
| | 9 | Silvery metal pin | 11 | Silvery metal |
| | 15 | Aluminum foil | 17 | Coppery foil |

Test Results

| Batch | Substance Name | Test Result (%) | | RL (%) |
|-------|-----------------------------------|-----------------|----|--------|
| --- | All tested SVHC in candidate list | A1 | A2 | --- |
| | | ND | ND | |

Notes:

1. The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.
2. ND = Not detected (lower than RL) (RL = Reporting Limit) , test data will be shown if it \geq RL, RL is not regulatory limit.
3. * The test result is based on the calculation of selected element(s) and to the worst-case scenario.
** The test result is based on the calculation of selected marker(s) and to the worst-case scenario.
4. RL = 0.005% is evaluated for element (cobalt, arsenic, lead, chromium, aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium, molybdenum and cadmium).
5. Calculated concentration of boric compounds are based on the water extractive boron by ICP-OES.

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Remark

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
<http://echa.europa.eu/web/guest/candidate-list-table>
These lists are under evaluation by ECHA and may subject to change in the future.
2. REACH obligation:
 - 2.1 Concerning article(s):
Communication:
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 in the Candidate List.
Notification:
In accordance with Regulation (EC) No 1907/2006, any EU 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 (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).
 - 2.2 Concerning material(s):
Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article. If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.
 - 2.3 Concerning substance and preparation:
If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No. 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:
a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008. a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
a) a substance posing human health or environmental hazards in an individual concentration of $\geq 1\%$ by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or $\geq 0.2\%$ by volume for gaseous mixtures; or b) a substance that is PBT, or vPvB in an individual concentration of $\geq 0.1\%$ by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of $\geq 0.1\%$ by weight for non-gaseous mixtures; or d) a substance for which there are Europe-wide workplace exposure limits.
3. If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 4 of 14

Appendix (Full list of tested SVHC)

| Batch | No. | Substance Name | CAS No. | RL (%) |
|-------|-----|--|--------------------------|--------|
| I | 1 | Anthracene | 120-12-7 | 0.050 |
| I | 2 | 4,4'-Diaminodiphenylmethane (MDA) | 101-77-9 | 0.050 |
| I | 3 | Dibutyl phthalate (DBP) | 84-74-2 | 0.050 |
| I | 4 | Cobalt dichloride* | 7646-79-9 | 0.005 |
| I | 5 | Diarsenic pentaoxide* | 1303-28-2 | 0.005 |
| I | 6 | Diarsenic trioxide* | 1327-53-3 | 0.005 |
| I | 7 | Sodium dichromate* | 7789-12-0, 10588-01-9 | 0.005 |
| I | 8 | 5-Tert-butyl-2,4,6-trinitro- m-xylene (musk xylene) | 81-15-2 | 0.050 |
| I | 9 | Bis(2-ethylhexyl) phthalate (DEHP) | 117-81-7 | 0.050 |
| I | 10 | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) | 25637-99-4, 3194-55-6 | 0.050 |
| I | 11 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8 | 0.050 |
| I | 12 | Bis(tributyltin) oxide (TBTO) | 56-35-9 | 0.050 |
| I | 13 | Lead hydrogen arsenate* | 7784-40-9 | 0.005 |
| I | 14 | Benzyl butyl phthalate (BBP) | 85-68-7 | 0.050 |
| I | 15 | Triethyl arsenate* | 15606-95-8 | 0.005 |
| II | 16 | Anthracene oil** | 90640-80-5 | 0.050 |
| II | 17 | Anthracene oil, anthracene paste, distn. lights** | 91995-17-4 | 0.050 |
| II | 18 | Anthracene oil, anthracene paste, anthracene fraction** | 91995-15-2 | 0.050 |
| II | 19 | Anthracene oil, anthracene-low** | 90640-82-7 | 0.050 |
| II | 20 | Anthracene oil, anthracene paste** | 90640-81-6 | 0.050 |
| II | 21 | Pitch, coal tar, high temp.** | 65996-93-2 | 0.050 |
| II | 22 | Acrylamide | 79-06-1 | 0.050 |
| II | 23 | 2,4-Dinitrotoluene | 121-14-2 | 0.050 |
| II | 24 | Diisobutyl phthalate (DIBP) | 84-69-5 | 0.050 |
| II | 25 | Lead chromate* | 7758-97-6 | 0.005 |
| II | 26 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) * | 12656-85-8 | 0.005 |
| II | 27 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) * | 1344-37-2 | 0.005 |
| II | 28 | Tris(2-chloroethyl) phosphate | 115-96-8 | 0.050 |
| III | 29 | Trichloroethylene | 79-01-6 | 0.050 |

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Report No.: ZKS220500341-1

Date: May 12, 2022

Page 5 of 14

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|-------|-----|---|--|--------|
| III | 30 | Boric acid* | 10043-35-3, 11113-50-1 | 0.005 |
| III | 31 | Disodium tetraborate, anhydrous* | 1303-96-4, 1330-43-4, 12179-04-3 | 0.005 |
| III | 32 | Tetraboron disodium heptaoxide, hydrate* | 12267-73-1 | 0.005 |
| III | 33 | Sodium chromate* | 7775-11-3 | 0.005 |
| III | 34 | Potassium chromate* | 7789-00-6 | 0.005 |
| III | 35 | Ammonium dichromate* | 7789-09-5 | 0.005 |
| III | 36 | Potassium dichromate* | 7778-50-9 | 0.005 |
| IV | 37 | Cobalt(II) sulphate* | 10124-43-3 | 0.005 |
| IV | 38 | Cobalt(II) dinitrate* | 10141-05-6 | 0.005 |
| IV | 39 | Cobalt(II) carbonate* | 513-79-1 | 0.005 |
| IV | 40 | Cobalt(II) diacetate* | 71-48-7 | 0.005 |
| IV | 41 | 2-Methoxyethanol | 109-86-4 | 0.050 |
| IV | 42 | 2-Ethoxyethanol | 110-80-5 | 0.050 |
| IV | 43 | Chromium trioxide* | 1333-82-0 | 0.005 |
| IV | 44 | Chromic acid, dichromic acid, oligomers of chromic acid and dichromic acid* | 7738-94-5, 13530-68-2 | 0.005 |
| V | 45 | 2-Ethoxyethyl acetate | 111-15-9 | 0.050 |
| V | 46 | Strontium chromate* | 7789-06-2 | 0.005 |
| V | 47 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) | 68515-42-4 | 0.050 |
| V | 48 | Hydrazine | 302-01-2, 7803-57-8 | 0.050 |
| V | 49 | 1-Methyl-2-pyrrolidone | 872-50-4 | 0.050 |
| V | 50 | 1,2,3-Trichloropropane | 96-18-4 | 0.050 |
| V | 51 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | 71888-89-6 | 0.050 |
| VI | 52 | Dichromium tris(chromate) * | 24613-89-6 | 0.005 |
| VI | 53 | Potassium hydroxyoctaoxodizincatedichromate* | 11103-86-9 | 0.005 |
| VI | 54 | Pentazinc chromate octahydroxide* | 49663-84-5 | 0.005 |
| VI | 55 | Aluminosilicate refractory ceramic fibres* | -- | 0.005 |
| VI | 56 | Zirconia aluminosilicate refractory ceramic fibres* | -- | 0.005 |
| VI | 57 | Formaldehyde, oligomeric reaction products with aniline | 25214-70-4 | 0.050 |
| VI | 58 | Bis (2-methoxyethyl) phthalate (DMEP) | 117-82-8 | 0.050 |

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 6 of 14

| Batch | No. | Substance Name | CAS No. | RL (%) |
|-------|-----|---|------------|--------|
| VI | 59 | 2-Methoxyaniline (o-Anisidine) | 90-04-0 | 0.050 |
| VI | 60 | 4-(1,1,3,3-tetramethylbutyl) phenol (4-tert-Octylphenol) | 140-66-9 | 0.050 |
| VI | 61 | 1,2-Dichloroethane | 107-06-2 | 0.050 |
| VI | 62 | Bis(2-methoxyethyl) ether | 111-96-6 | 0.050 |
| VI | 63 | Arsenic acid* | 7778-39-4 | 0.005 |
| VI | 64 | Calcium arsenate* | 7778-44-1 | 0.005 |
| VI | 65 | Trilead diarsenate* | 3687-31-8 | 0.005 |
| VI | 66 | N,N-Dimethylacetamide | 127-19-5 | 0.050 |
| VI | 67 | 2,2'-Dichloro-4,4'-methylenedianiline | 101-14-4 | 0.050 |
| VI | 68 | Phenolphthalein | 77-09-8 | 0.050 |
| VI | 69 | Lead diazide, Lead azide* | 13424-46-9 | 0.005 |
| VI | 70 | Lead styphnate* | 15245-44-0 | 0.005 |
| VI | 71 | Lead dipicrate* | 6477-64-1 | 0.005 |
| VII | 72 | 1,2-Bis(2-methoxyethoxy) ethane (TEGDME; triglyme) | 112-49-2 | 0.050 |
| VII | 73 | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 0.050 |
| VII | 74 | Diboron trioxide* | 1303-86-2 | 0.005 |
| VII | 75 | Formamide | 75-12-7 | 0.050 |
| VII | 76 | Lead(II) bis(methanesulfonate) * | 17570-76-2 | 0.005 |
| VII | 77 | (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine- 2,4,6-(1H,3H,5H) -trione) (TGIC) | 2451-62-9 | 0.050 |
| 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 | 0.050 |
| VII | 79 | 4,4'-Bis(dimethylamino) benzophenone (Michler's ketone) | 90-94-8 | 0.050 |
| VII | 80 | N,N,N',N'-Tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1 | 0.050 |
| VII | 81 | [4-[4,4'-Bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) | 548-62-9 | 0.050 |
| 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 | 0.050 |
| VII | 83 | α,α -Bis[4-(dimethylamino) phenyl]-4(phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) | 6786-83-0 | 0.050 |
| VII | 84 | 4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol | 561-41-1 | 0.050 |
| VIII | 85 | Decabromodiphenyl ether (DecaBDE) | 1163-19-5 | 0.050 |

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 7 of 14

| Batch | No. | Substance Name | CAS No. | RL (%) |
|-------|-----|--|---|--------|
| VIII | 86 | Pentacosfluorotridecanoic acid | 72629-94-8 | 0.050 |
| VIII | 87 | Tricosfluorododecanoic acid | 307-55-1 | 0.050 |
| VIII | 88 | Henicosfluoroundecanoic acid | 2058-94-8 | 0.050 |
| VIII | 89 | Heptacosfluorotetradecanoic acid | 376-06-7 | 0.050 |
| VIII | 90 | 4-(1,1,3,3-Tetramethylbutyl) phenol, ethoxylated | --- | 0.050 |
| VIII | 91 | 4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof | --- | 0.050 |
| VIII | 92 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 | 0.050 |
| VIII | 93 | Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride | 85-42-7, 13149-00-3, 14166-21-3 | 0.050 |
| VIII | 94 | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 | 0.050 |
| VIII | 95 | Methoxyacetic acid | 625-45-6 | 0.050 |
| VIII | 96 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0 | 0.050 |
| VIII | 97 | Diisopentylphthalate (DIPP) | 605-50-5 | 0.050 |
| VIII | 98 | N-Pentyl-isopentylphthalate | 776297-69-9 | 0.050 |
| VIII | 99 | 1,2-Diethoxyethane | 629-14-1 | 0.050 |
| VIII | 100 | N,N-dimethylformamide | 68-12-2 | 0.050 |
| VIII | 101 | Dibutyltin dichloride (DBTC) | 683-18-1 | 0.050 |
| VIII | 102 | Acetic acid, lead salt, basic* | 51404-69-4 | 0.005 |
| VIII | 103 | Basic lead carbonate * | 1319-46-6 | 0.005 |
| VIII | 104 | Basic lead sulfate (Lead oxide sulfate) * | 12036-76-9 | 0.005 |
| VIII | 105 | [Phthalato(2-)] dioxotrilead (Dibasic lead phthalate) * | 69011-06-9 | 0.005 |
| VIII | 106 | Dioxobis(stearato) trilead* | 12578-12-0 | 0.005 |
| VIII | 107 | Fatty acids, C16-18, lead salts* | 91031-62-8 | 0.005 |
| VIII | 108 | Lead bis(tetrafluoroborate) * | 13814-96-5 | 0.005 |
| VIII | 109 | Lead cyanamidate* | 20837-86-9 | 0.005 |
| VIII | 110 | Lead dinitrate* | 10099-74-8 | 0.005 |
| VIII | 111 | Lead monoxide* | 1317-36-8 | 0.005 |

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 8 of 14

| Batch | No. | Substance Name | CAS No. | RL (%) |
|-------|-----|--|-------------|--------|
| VIII | 112 | Lead tetroxide (orange lead) * | 1314-41-6 | 0.005 |
| VIII | 113 | Lead titanium trioxide* | 12060-00-3 | 0.005 |
| VIII | 114 | Lead titanium zirconium oxide* | 12626-81-2 | 0.005 |
| VIII | 115 | Pentalead tetraoxide sulphate* | 12065-90-6 | 0.005 |
| VIII | 116 | Pyrochlore, antimony lead yellow (C.I. Pigment Yellow 41)* | 8012-00-8 | 0.005 |
| VIII | 117 | Silicic acid, barium salt, lead-doped* | 68784-75-8 | 0.005 |
| VIII | 118 | Silicic acid, lead salt* | 11120-22-2 | 0.005 |
| VIII | 119 | Sulfurous acid, lead salt, dibasic* | 62229-08-7 | 0.005 |
| VIII | 120 | Tetraethyllead* | 78-00-2 | 0.005 |
| VIII | 121 | Tetralead trioxide sulphate* | 12202-17-4 | 0.005 |
| VIII | 122 | Trilead dioxide phosphonate* | 12141-20-7 | 0.005 |
| VIII | 123 | Furan | 110-00-9 | 0.050 |
| VIII | 124 | Methyloxirane (Propylene oxide) | 75-56-9 | 0.050 |
| VIII | 125 | Diethyl sulphate | 64-67-5 | 0.050 |
| VIII | 126 | Dimethyl sulphate | 77-78-1 | 0.050 |
| VIII | 127 | 3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | 0.050 |
| VIII | 128 | Dinoseb | 88-85-7 | 0.050 |
| VIII | 129 | 4,4'-Methylenedi-o-toluidine | 838-88-0 | 0.050 |
| VIII | 130 | 4,4'-Oxydianiline and its salts | 101-80-4 | 0.050 |
| VIII | 131 | 4-Aminoazobenzene | 60-09-3 | 0.050 |
| VIII | 132 | 4-Methyl-m-phenylenediamine | 95-80-7 | 0.050 |
| VIII | 133 | 6-Methoxy-m-toluidine | 120-71-8 | 0.050 |
| VIII | 134 | Biphenyl-4-ylamine | 92-67-1 | 0.050 |
| VIII | 135 | o-Aminoazotoluene | 97-56-3 | 0.050 |
| VIII | 136 | o-Toluidine | 95-53-4 | 0.050 |
| VIII | 137 | N-Methylacetamide | 79-16-3 | 0.050 |
| VIII | 138 | 1-Bromopropane | 106-94-5 | 0.050 |
| IX | 139 | Cadmium* | 7440-43-9 | 0.005 |
| IX | 140 | Cadmium oxide* | 1306-19-0 | 0.005 |
| 9 | 141 | Dipentyl phthalate (DPP) | 131-18-0 | 0.050 |

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 9 of 14

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|-------|-----|--|---------------------------|--------|
| IX | 142 | 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues] | --- | 0.050 |
| IX | 143 | Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 0.050 |
| IX | 144 | Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 0.050 |
| X | 145 | Cadmium sulphide* | 1306-23-6 | |
| X | 146 | Dihexyl phthalate | 84-75-3 | 0.050 |
| X | 147 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate (C.I. Direct Red 28) | 573-58-0 | 0.050 |
| X | 148 | Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) | 1937-37-7 | 0.050 |
| X | 149 | Imidazolidine-2-thione (2-imidazoline-2-thiol) | 96-45-7 | 0.050 |
| X | 150 | Lead di(acetate) * | 301-04-2 | 0.005 |
| X | 151 | Trixylyl phosphate | 25155-23-1 | 0.050 |
| XI | 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 68515-50-4 | 0.050 |
| XI | 153 | Cadmium chloride* | 10108-64-2 | 0.005 |
| XI | 154 | Sodium perborate; perboric acid, sodium salt* | --- | 0.005 |
| XI | 155 | Sodium peroxometaborate* | 7632-04-4 | 0.005 |
| XII | 156 | Cadmium fluoride* | 7790-79-6 | 0.005 |
| XII | 157 | Cadmium sulphate* | 10124-36-4, 31119-53-6 | 0.005 |
| XII | 158 | 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 0.050 |
| XII | 159 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 0.050 |
| XII | 160 | 2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 15571-58-1 | 0.050 |
| XII | 161 | Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 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 & MOTE) | --- | 0.050 |
| XIII | 162 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mix decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate | 68515-51-5, 68648-93-1 | 0.050 |

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 10 of 14

| Batch | No. | Substance Name | CAS No. | RL (%) |
|-------|-----|---|---------------------------------------|--------|
| XIII | 163 | 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof] | --- | 0.050 |
| XIV | 164 | Nitrobenzene | 98-95-3 | 0.050 |
| XIV | 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 3864-99-1 | 0.050 |
| XIV | 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 36437-37-3 | 0.050 |
| XIV | 167 | 1,3-Propanesultone | 1120-71-4 | 0.050 |
| XIV | 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts | 375-95-1, 21049-39-8, 4149-60-4 | 0.050 |
| XV | 169 | Benzo[a]pyrene | 50-32-8 | 0.050 |
| XVI | 170 | 4,4'-Isopropylidenediphenol (Bisphenol A) | 80-05-7 | 0.050 |
| XVI | 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 3108-42-7, 335-76-2, 3830-45-3 | 0.050 |
| XVI | 172 | p-(1,1-Dimethylpropyl) phenol | 80-46-6 | 0.050 |
| XVI | 173 | 4-Heptylphenol, branched and linear | --- | 0.050 |
| XVII | 174 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS) | --- | 0.050 |
| XVIII | 175 | Cadmium dinitrate* | 10325-94-7, 10022-68-1 | 0.050 |
| XVIII | 176 | Cadmium carbonate* | 513-78-0 | 0.050 |
| XVIII | 177 | Cadmium hydroxide* | 21041-95-2 | 0.050 |
| XVIII | 178 | Chrysene | 218-01-9, 1719-03-5 | 0.050 |
| XVIII | 179 | 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] | --- | 0.050 |
| XVIII | 180 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) | 552-30-7 | 0.050 |
| XVIII | 181 | 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus") [covering any of its individual anti and syn-isomers or any combination thereof] | --- | 0.050 |
| XIX | 182 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (Trimellitic anhydride) (TMA) | 552-30-7 | 0.050 |
| XIX | 183 | Benzo[ghi]perylene | 191-24-2 | 0.050 |

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 11 of 14

| Batch | No. | Substance Name | CAS No. | RL (%) |
|-------|-----|--|-------------------------|--------|
| XIX | 184 | Decamethylcyclopentasiloxane (D5) | 541-02-6 | 0.050 |
| XIX | 185 | Dicyclohexyl phthalate (DCHP) | 84-61-7 | 0.050 |
| XIX | 186 | Disodium octaborate* | 12008-41-2 | 0.005 |
| XIX | 187 | Dodecamethylcyclohexasiloxane (D6) | 540-97-6 | 0.050 |
| XIX | 188 | Ethylenediamine (EDA) | 107-15-3 | 0.050 |
| XIX | 189 | Lead* | 7439-92-1 | 0.005 |
| XIX | 190 | Octamethylcyclotetrasiloxane (D4) | 556-67-2 | 0.050 |
| XIX | 191 | Terphenyl, hydrogenated | 61788-32-7 | 0.050 |
| XX | 192 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidenecamphor). | 15087-24-8 | 0.050 |
| XX | 193 | 2,2-bis(4'-hydroxyphenyl)-4- methylpentane | 6807-17-6 | 0.050 |
| XX | 194 | Benzo[k]fluoranthene | 207-08-9 | 0.050 |
| XX | 195 | Fluoranthene | 206-44-0 | 0.050 |
| XX | 196 | Phenanthrene | 85-01-8 | 0.050 |
| XX | 197 | Pyrene | 129-00-0 | 0.050 |
| XXI | 198 | 2-methoxyethyl acetate | 110-49-6 | 0.050 |
| XXI | 199 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) | --- | 0.050 |
| XXI | 200 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP). | --- | 0.050 |
| XXI | 201 | 4-tert-butylphenol (PTBP) | 98-54-4 | 0.050 |
| XXII | 202 | Diisohexyl phthalate | 71850-09-4 | 0.050 |
| XXII | 203 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | --- | 0.050 |
| XXII | 204 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 71868-10-5 | 0.050 |
| XXII | 205 | Perfluorobutane sulfonic acid (PFBS) and its salts | --- | 0.050 |
| XXIII | 206 | 1-vinylimidazole | 1072-63-5 | 0.050 |
| XXIII | 207 | 2-methylimidazole | 693-98-1 | 0.050 |
| XXIII | 208 | Butyl 4-hydroxybenzoate | 94-26-8 | 0.050 |
| XXIII | 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin | 22673-19-4 | 0.050 |
| XXIV | 210 | Bis(2-(2-methoxyethoxy)ethyl)ether | 143-24-8 | 0.050 |
| XXIV | 211 | Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety | 3648-18-8 91648-39-4 | 0.050 |

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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 12 of 14

| Batch | No. | Substance Name | CAS No. | RL (%) |
|-------|-----|--|---|--------|
| XXV | 212 | 1,4-dioxane | 123-91-1 | 0.050 |
| XXV | 213 | 2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA) | 3296-90-0 36483-57-5 96-13-9 1522-92-5 | 0.050 |
| XXV | 214 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers | --- | 0.050 |
| XXV | 215 | 4,4'-(1-methylpropylidene)bisphenol (Bisphenol B) | 77-40-7 | 0.050 |
| XXV | 216 | Glutaral | 111-30-8 | 0.050 |
| XXV | 217 | Medium-chain chlorinated paraffins (MCCP) UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17 | --- | 0.050 |
| XXV | 218 | Orthoboric acid, sodium salt* | --- | 0.005 |
| XXV | 219 | Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP) | --- | 0.050 |
| XXVI | 220 | Tris(2-methoxyethoxy)vinylsilane | 1067-53-4 | 0.050 |
| XXVI | 221 | 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 | 0.050 |
| XXVI | 222 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol | 119-47-1 | 0.050 |
| XXVI | 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) | --- | 0.050 |

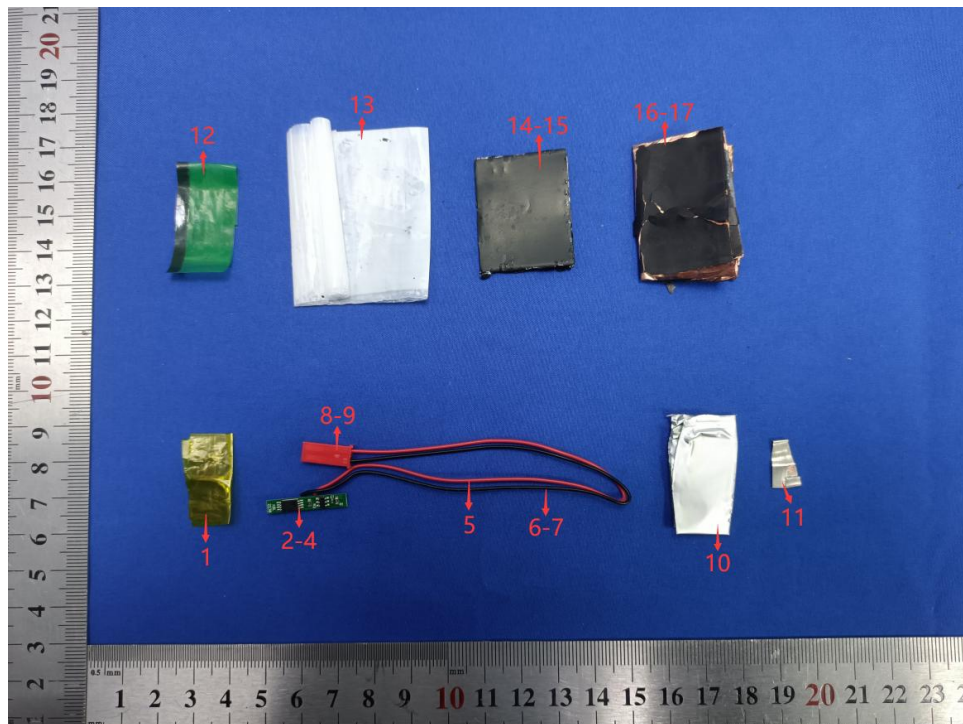
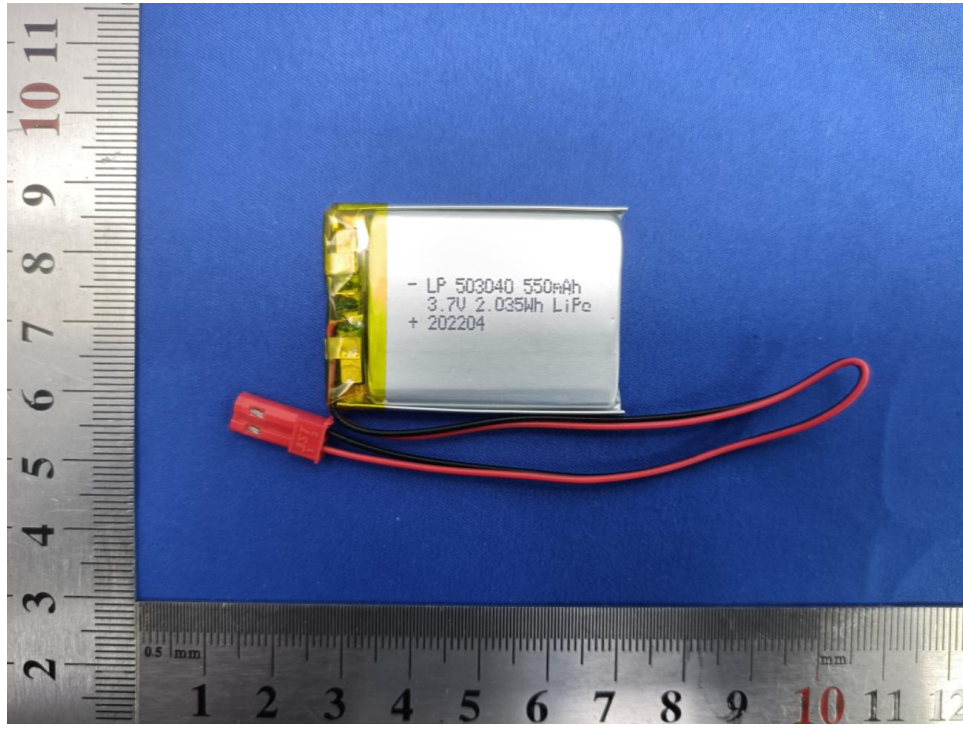
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Sample Photo(s)



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Test Report

Report No.: ZKS220500341-1

Date: May 12, 2022

Page 14 of 14

Statement

1. Report is invalid without the editor, the reviewer or the approver signature, or altered, or additions and deletions, or not stamped with a special seal.
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