

# Test Report (SVHC)

No.: SHAEC26001367615

Date: Jan 22, 2026

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Client Name: MindMotion Microelectronics Co., Ltd.

Client Address: 9/F, Building 6, No. 26, Qiuyue Road, Pudong New District, Shanghai

Sample Name: TSSOP

The above sample(s) and information were provided by the client.

SGS Job No.: SHP26-001417

Sample Receiving Date: Jan 16, 2026

Testing Period: Jan 16, 2026 ~ Jan 22, 2026

Test Requested: As requested by client, SVHC in Candidate List screening is performed according to:  
(i) Two hundred and fifty-one (251) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Nov 5, 2025 regarding Regulation (EC) No 1907/2006 concerning the REACH.  
As requested by client, Potential SVHC screening is performed according to:  
(i) One (1) potential Substances of Very High Concern (SVHC) in the Identification ongoing.  
(ii) Three (3) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on and before Nov 5, 2025 regarding Regulation (EC) No 1907/2006 concerning the REACH.

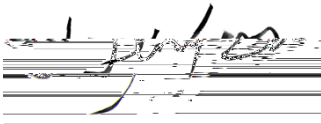
Test Method(s): Please refer to next page(s).

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

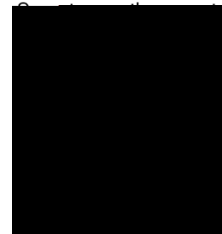
## Summary:

|  |      |
|--|------|
| According to the specified scope and evaluation screening, the results of 251 SVHC in the Candidate List are 0.1% (w/w) in the submitted sample. | Pass |
| According to the specified scope and evaluation screening, the results of 4 Potential SVHC are 0.1% (w/w) in the submitted sample.               | Pass |

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Jenny Lan  
Approved Signatory





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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):



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- (a) a substance posing human health or environmental hazards in an individual concentration of 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or 0.2 % by volume for gaseous mixtures; or
- (b) a substance that is PBT, or vPvB in an individual concentration of 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 0.1 % by weight for non-gaseous mixtures; or
- (d) a substance for which there are Europe-wide workplace exposure limits

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## Result of SVHC in the Candidate List

| Batch | Substance Name             | CAS No. | 001 Concentration (%) | RL (%) |
|-------|----------------------------|---------|-----------------------|--------|
| -     | All SVHC in Candidate list | -       | ND                    | -      |

## Result of Potential SVHC

| Batch | Substance Name     | CAS No. | 001 Concentration (%) | RL (%) |
|-------|--------------------|---------|-----------------------|--------|
| /     | All Potential SVHC | -       | 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) RL = Reporting Limit (Test data will be shown if it RL. RL is not regulatory limit.)  
ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
- (3) \* The result is based on the calculation of selected element(s) under the worst-case scenario, and the evaluation of substance usage and material properties.  
\*\* The result is based on the calculation of selected marker(s) and to the worst-case scenario.  
Calculated concentration of boric compounds are based on water extractive boron detected by ICP-OES.  
Calculated concentration of Barium diboron tetraoxide is based on water extractive boron and barium detected by ICP-OES.  
RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium and cadmium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)), fluorine RL=0.050%.
- (4) § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) 0.1% (w/w).
- (5) / = Potential SVHC

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( =0) stated in ILAC-G8:09/2019.

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## Appendix:

Full list of tested SVHC

| Batch | No. | Substance Name   | CAS No.                  | RL (%) |
|-------|-----|--|--------------------------|--------|
| I     | 1   | 4,4'-Diaminodiphenylmethane(MDA)   | 101-77-9                 | 0.050  |
| I     | 2   | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)   | 81-15-2                  | 0.050  |
| I     | 3   | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)  | 85535-84-8               | 0.050  |
| I     | 4   | Anthracene   | 120-12-7                 | 0.050  |
| I     | 5   | Benzyl butyl phthalate (BBP)   | 85-68-7                  | 0.050  |
| I     | 6   | Bis(2-ethylhexyl)phthalate (DEHP)  | 117-81-7                 | 0.050  |
| I     | 7   | Bis(tributyltin)oxide (TBTO)   | 56-35-9                  | 0.050  |
| I     | 8   | Cobalt dichloride*   | 7646-79-9                | 0.005  |
| I     | 9   | Diarsenic pentaoxide*  | 1303-28-2                | 0.005  |
| I     | 10  | Diarsenic trioxide*  | 1327-53-3                | 0.005  |
| I     | 11  | Dibutyl phthalate (DBP)  | 84-74-2                  | 0.050  |
| I     | 12  | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( -HBCDD, -HBCDD, -HBCDD) | -                        | 0.050  |
| I     | 13  | Lead hydrogen arsenate*  | 7784-40-9                | 0.005  |
| I     | 14  | Sodium dichromate*   | 10588-01-9<br>/7789-12-0 | 0.005  |
| I     | 15  | Triethyl arsenate*   | 15606-95-8               | 0.005  |
| II    | 16  | 2,4-Dinitrotoluene   | 121-14-2                 | 0.050  |
| II    | 17  | Anthracene oil**   | 90640-80-5               | 0.050  |
| II    | 18  | Anthracene oil, anthracene paste**   | 90640-81-6               | 0.050  |
| II    | 19  | Anthracene oil, anthracene paste, anthracene fraction**  | 91995-15-2               | 0.050  |
| II    | 20  | Anthracene oil, anthracene paste, distn. Lights**  | 91995-17-4               | 0.050  |
| II    | 21  | Anthracene oil, anthracene-low**   | 90640-82-7               | 0.050  |
| II    | 22  | Diisobutyl phthalate   | 84-69-5                  | 0.050  |
| II    | 23  | Lead chromate*   | 7758-97-6                | 0.005  |
| II    | 24  | Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*                                       | 12656-85-8               | 0.005  |
| II    | 25  | Lead sulfochromate yellow (C.I. Pigment Yellow 34)*  | 1344-37-2                | 0.005  |
| II    | 26  | Pitch, coal tar, high t63 n q  | 90655-6-93               | 0.050  |

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| Batch | No. | Substance Name  | CAS No.                | RL (%) |
|-------|-----|---|------------------------|--------|
| III   | 36  | Trichloroethylene   | 79-01-6                | 0.050  |
| IV    | 37  | 2-Ethoxyethanol   | 110-80-5               | 0.050  |
| IV    | 38  | 2-Methoxyethanol  | 109-86-4               | 0.050  |
| IV    | 39  | Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*   | -                      | 0.005  |
| IV    | 40  | Chromium trioxide*  | 1333-82-0              | 0.005  |
| IV    | 41  | Cobalt(II) carbonate*   | 513-79-1               | 0.005  |
| IV    | 42  | Cobalt(II) diacetate*   | 71-48-7                | 0.005  |
| IV    | 43  | Cobalt(II) dinitrate*   | 10141-05-6             | 0.005  |
| IV    | 44  | Cobalt(II) sulphate*  | 10124-43-3             | 0.005  |
| V     | 45  | 1,2,3-trichloropropane  | 96-18-4                | 0.050  |
| V     | 46  | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich  | 71888-89-6             | 0.050  |
| V     | 47  | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters   | 68515-42-4             | 0.050  |
| V     | 48  | 1-methyl-2-pyrrolidone  | 872-50-4               | 0.050  |
| V     | 49  | 2-ethoxyethyl acetate   | 111-15-9               | 0.050  |
| V     | 50  | Hydrazine   | 302-01-2<br>/7803-57-8 | 0.050  |
| V     | 51  | strontium chromate*   | 7789-06-2              | 0.005  |
| VI    | 52  | 1,2-Dichloroethane  | 107-06-2               | 0.050  |
| VI    | 53  | 2,2'-dichloro-4,4'-methylenedianiline   | 101-14-4               | 0.050  |
| VI    | 54  | 2-Methoxyaniline; o-Anisidine   | 90-04-0                | 0.050  |
| VI    | 55  | 4-(1,1,3,3-tetramethylbutyl)phenol  | 140-66-9               | 0.050  |
| VI    | 56  | Aluminosilicate Refractory Ceramic Fibres*  | -                      | 0.005  |
| VI    | 57  | Arsenic acid*   | 7778-39-4              | 0.005  |
| VI    | 58  | Bis(2-methoxyethyl) ether   | 111-96-6               | 0.050  |
| VI    | 59  | Bis(2-methoxyethyl) phthalate   | 117-82-8               | 0.050  |
| VI    | 60  | Calcium arsenate*   | 7778-44-1              | 0.005  |
| VI    | 61  | Dichromium tris(chromate)*  | 24613-89-6             | 0.005  |
| VI    | 62  | Formaldehyde, oligomeric reaction products with aniline   | 25214-70-4             | 0.050  |
| VI    | 63  | Lead diazide, Lead azide*   | 13424-46-9             | 0.005  |
| VI    | 64  | Lead dipicrate*   | 6477-64-1              | 0.005  |
| VI    | 65  | Lead styphnate*   | 15245-44-0             | 0.005  |
| VI    | 66  | N,N-dimethylacetamide   | 127-19-5               | 0.050  |
| VI    | 67  | Pentazinc chromate octahydroxide*   | 49663-84-5             | 0.005  |
| VI    | 68  | Phenolphthalein   | 77-09-8                | 0.050  |
| VI    | 69  | Potassium hydroxyoctaoxidizincatedichromate*  | 11103-86-9             | 0.005  |
| VI    | 70  | Trilead diarsenate*   | 3687-31-8              | 0.005  |
| VI    | 71  | Zirconia Aluminosilicate Refractory Ceramic Fibres*   | -                      | 0.005  |
| VII   | 72  | [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  |

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|-------|-----|---|-------------|--------|
| VII   | 73  | 88 [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   | 74  | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)   | 112-49-2    | 0.050  |
| VII   | 75  | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)   | 110-71-4    | 0.050  |
| VII   | 76  | 4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)   | 90-94-8     | 0.050  |
| VII   | 77  | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§  | 561-41-1    | 0.050  |
| VII   | 78  | Diboron trioxide*   | 1303-86-2   | 0.005  |
| VII   | 79  | Formamide   | 75-12-7     | 0.050  |
| VII   | 80  | Lead(II) bis(methanesulfonate)*   | 17570-76-2  | 0.005  |
| VII   | 81  | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)  | 101-61-1    | 0.050  |
| VII   | 82  | TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)  | 2451-62-9   | 0.050  |
| VII   | 83  | , -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §                                 | 6786-83-0   | 0.050  |
| VII   | 84  | -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)  | 59653-74-6  | 0.050  |
| VIII  | 85  | [Phthalato(2-)]dioxotrilead*  | 69011-06-9  | 0.005  |
| VIII  | 86  | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear  | 84777-06-0  | 0.050  |
| VIII  | 87  | 1,2-Diethoxyethane  | 629-14-1    | 0.050  |
| VIII  | 88  | 1-Bromopropane  | 106-94-5    | 0.050  |
| VIII  | 89  | 3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine  | 143860-04-2 | 0.050  |
| VIII  | 90  | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated   | -           | 0.050  |

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| Batch | No. | Substance Name   | CAS No.    | RL (%) |
|-------|-----|--|------------|--------|
| VIII  | 102 | Dibutyltin dichloride (DBTC)   | 683-18-1   | 0.050  |
| VIII  | 103 | Diethyl sulphate   | 64-67-5    | 0.050  |
| VIII  | 104 | Diisopentylphthalate   | 605-50-5   | 0.050  |
| VIII  | 105 | Dimethyl sulphate  | 77-78-1    | 0.050  |
| VIII  | 106 | Dinoseb  | 88-85-7    | 0.050  |
| VIII  | 107 | Dioxobis(stearato)trilead*   | 12578-12-0 | 0.005  |
| VIII  | 108 | Fatty acids, C16-18, lead salts*   | 91031-62-8 | 0.005  |
| VIII  | 109 | Furan  | 110-00-9   | 0.050  |
| VIII  | 110 | Henicosaf fluoroundecanoic acid  | 2058-94-8  | 0.050  |
| VIII  | 111 | Heptacosaf fluorotetradecanoic acid  | 376-06-7   | 0.050  |
| VIII  | 112 | Hexahydromethylphthalic anhydride,<br>Hexahydro-4-methylphthalic anhydride,<br>Hexahydro-1-methylphthalic anhydride,<br>Hexahydro-3-methylphthalic anhydride | -          | 0.050  |
| VIII  | 113 | Lead bis(tetrafluoroborate)*   | 13814-96-5 | 0.005  |
| VIII  | 114 | Lead cyanamidate*  | 20837-86-9 | 0.005  |
| VIII  | 115 | Lead dinitrate*  | 10099-74-8 | 0.005  |
| VIII  | 116 | Lead monoxide*   | 1317-36-8  | 0.005  |
| VIII  |     |  |            |        |



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| Batch | No. | Substance Name   | CAS No.    | RL (%) |
|-------|-----|--|------------|--------|
| XIV   | 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)  | 36437-37-3 | 0.050  |
| XIV   | 167 | Nitrobenzene   | 98-95-3    | 0.050  |
| XIV   | 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts  | -          | 0.050  |
| XV    | 169 | Benzo[def]chrysene (Benzo[a]pyrene)  | 50-32-8    | 0.050  |
| XVI   | 170 | 4,4'-isopropylidenediphenol (bisphenol A)  | 80-05-7    | 0.050  |
| XVI   | 171 | 4-Heptylphenol, branched and linear  | -          | 0.050  |
| XVI   | 172 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts   | -          | 0.050  |
| XVI   | 173 | p-(1,1-dimethylpropyl)phenol   | 80-46-6    | 0.050  |
| XVII  | 174 | Perfluorohexane-1-sulphonic acid and its salts   | -          | 0.050  |
| XVIII | 175 | 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) [covering any of its individual anti- and syn-isomers or any combination thereof] | -          | 0.050  |
| XVIII | 176 | Benz[a]anthracene  | 56-55-3    | 0.050  |
| XVIII | 177 | Cadmium nitrate*   | 10325-94-7 | 0.005  |
| XVIII | 178 | Cadmium carbonate*   | 513-78-0   | 0.005  |
| XVIII | 179 | Cadmium hydroxide*   | 21041-95-2 | 0.005  |
| XVIII | 180 | Chrysene   | 218-01-9   | 0.050  |
| XVIII | 181 | Reaction 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]  | -          | 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  |
| 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-benzylidene camphor)  | 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 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts  | -          | 0.050  |



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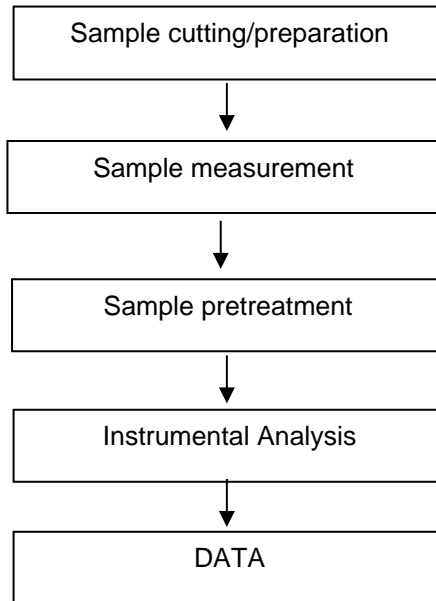
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**ATTACHMENTS**

**Testing Flow Chart**





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**Sample photos:**



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