

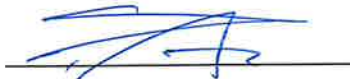
To: Hana Semiconductor (Ayutthaya) Co., Ltd.

### Information of substances

We hereby confirm that the following substance(s) is (are) not used intentionally as the ingredient(s) for the following product(s).

The analysis results of one optional lot are attached.

1. Product : KMC-3510MX1 , KMC-3580P-14F
2. Substance : Attached



Takayuki Aoki

Managing Director

Shin-Etsu Electronics (Malaysia) Sdn. Bhd.

**Environmental Hazardous Substances**

Substances		Threshold Limit (ppm)
Heavy metals	Cadmium and its compounds	100
	Lead and its compounds	1000
	Mercury and its compounds	1000
	Hexavalent chromium compounds	1000
Brominated organic compounds	Polybrominated biphenyls(PBB)	1000
	Polybrominated diphenylethers(PBDE)	1000
Bis (2-ethylhexyl) phthalate (DEHP)		1000
Butyl benzyl phthalate (BBP)		1000
Dibutyl phthalate (DBP)		1000
Diisobutyl phthalate (DIBP)		1000
Hexabromocyclododecane (HBCDD)		
Perfluorooctane sulfonates (PFOS)		
Perfluorooctanoic Acid (PFOA)		
Halogen and its compounds (F, Cl, Br, I except for above mentioned)		
Antimony and its compounds		
Beryllium and its compounds		

**TEST REPORT:**

No. CPSA/260377551-CB95584

Job Ref : C&amp;P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026**SHIN-ETSU ELECTRONICS (MALAYSIA) SDN BHD**

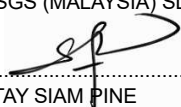
LOT 50, JALAN SERENDAH 26/17,  
HICOM INDUSTRIAL ESTATE,  
40400 SHAH ALAM, SELANGOR,  
MALAYSIA

The following sample(s) was/were submitted and identified by applicant as:

SAMPLE DESCRIPTION : KMC-3580P-14F  
SAMPLE RECEIVED : 24 Feb 2026  
TESTING PERIOD : 24 Feb 2026 to 27 Feb 2026

TEST REQUESTED : Selected test(s) as requested by customer  
TEST METHOD : - PLEASE REFER TO NEXT PAGE(S) -  
TEST RESULTS : - PLEASE REFER TO NEXT PAGE(S) -

SIGNED FOR AND ON BEHALF OF  
SGS (MALAYSIA) SDN BHD

  
TAY SIAM PINE  
TECHNICAL MANAGER  
IKM NO. M/3452/6047/11/12



Test Report Form No.: SGS/TR/CP/001, Ver: 2.0, Effective Date: 15/03/2021

**Page 1 of 5**

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**TEST REPORT:**

No. CPSA/260377551-CB95584

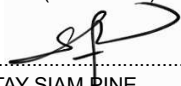
Job Ref : C&amp;P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026**TEST RESULTS:****Test Part Description**

Sample Description: -PLEASE REFER TO PAGE 1-

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Parameter(s):	Unit	Test Method	Result	MDL	Limit
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.	N.D.	2	Max 100
Lead (Pb)	mg/kg	With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.	N.D.	2	Max 1000
Mercury (Hg)	mg/kg	With reference to IEC 62321-4:2013+A1:2017, determination of Mercury by ICP-OES.	N.D.	2	Max 1000
Hexavalent Chromium (CrVI)	mg/kg	With reference to IEC 62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.	N.D.	8	Max 1000
Sum of PBBs	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	-	Max 1000
Monobromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Dibromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Tribromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Tetrabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Pentabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Hexabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Heptabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Octabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Nonabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Decabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-

SIGNED FOR AND ON BEHALF OF  
SGS (MALAYSIA) SDN BHD

  
TAY SIAM PINE  
TECHNICAL MANAGER  
IKM NO. M/3452/6047/11/12


Test Report Form No.: SGS/TR/CP/001, Ver: 2.0, Effective Date: 15/03/2021

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**TEST REPORT:**

No. CPSA/260377551-CB95584

Job Ref : C&amp;P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026**TEST RESULTS:****Test Part Description**

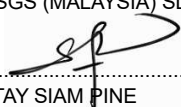
Sample Description: -PLEASE REFER TO PAGE 1-

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Parameter(s):	Unit	Test Method	Result	MDL	Limit
Sum of PBDEs	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	-	Max 1000
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Dibromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Tetrabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Pentabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Hexabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Heptabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Octabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Nonabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-
Decabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.	N.D.	5	-

- Note :
- (a) mg/kg = ppm ; (0.1wt% = 1000ppm)
  - (b) N.D. = Not Detected
  - (c) MDL = Method Detection Limit
  - (d) - = Not regulated
  - (e) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
  - (f) IEC 62321 series is equivalent to EN 62321 series

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TAY SIAM PINE  
TECHNICAL MANAGER  
IKM NO. M/3452/6047/11/12



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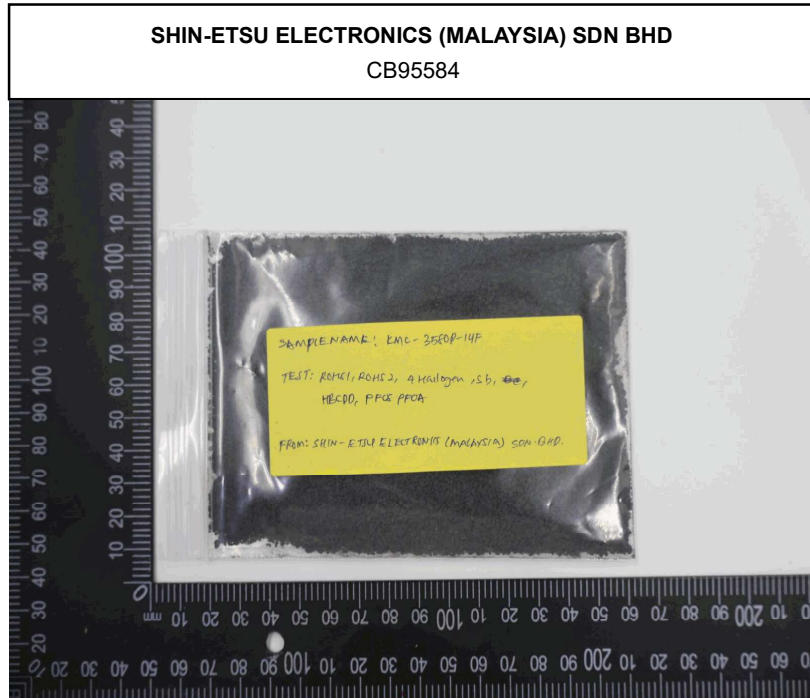
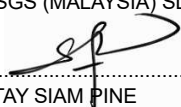
**TEST REPORT:**

No. CPSA/260377551-CB95584

Job Ref : C&amp;P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026**Test Part Description :**

Sample Description: -PLEASE REFER TO PAGE 1-

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IKM NO. M/3452/6047/11/12



Test Report Form No.: SGS/TR/CP/001, Ver: 2.0, Effective Date: 15/03/2021

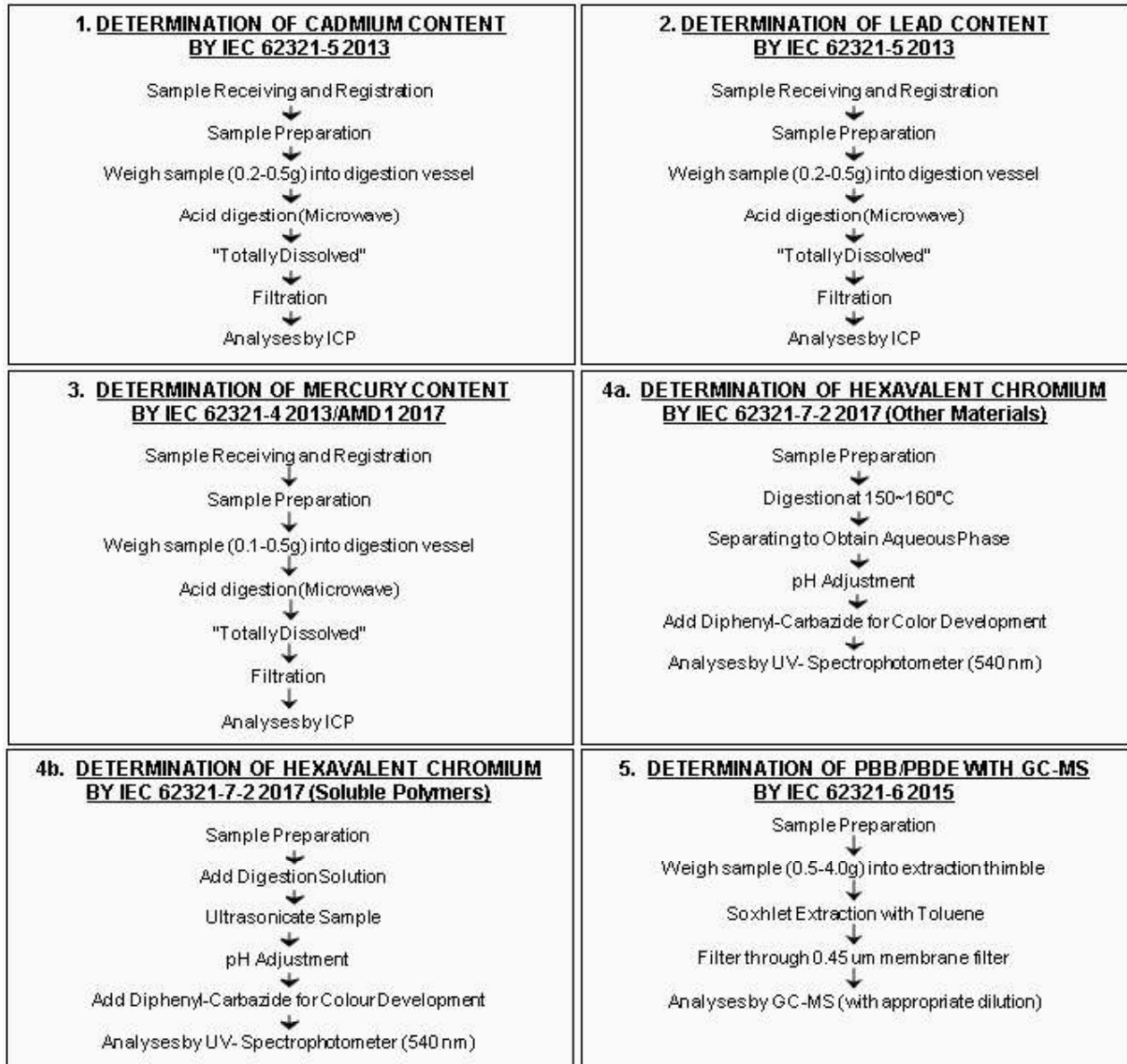
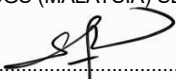

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**TEST REPORT:**

No. CPSA/260377551-CB95584

Job Ref : C&amp;P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026SIGNED FOR AND ON BEHALF OF  
SGS (MALAYSIA) SDN BHD
  
  
 TAY SIAM PINE  
 TECHNICAL MANAGER  
 IKM NO. M/3452/6047/11/12

Test Report Form No.: SGS/TR/CP/001, Ver: 2.0, Effective Date: 15/03/2021

\*\*\* End of test report \*\*\*

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**TEST REPORT:**

No. CPSA/260377552-CB95585

Job Ref : C&amp;P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026**SHIN-ETSU ELECTRONICS (MALAYSIA) SDN BHD**

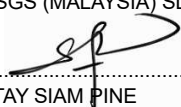
LOT 50, JALAN SERENDAH 26/17,  
HICOM INDUSTRIAL ESTATE,  
40400 SHAH ALAM, SELANGOR,  
MALAYSIA

The following sample(s) was/were submitted and identified by applicant as:

SAMPLE DESCRIPTION : KMC-3580P-14F  
 SAMPLE RECEIVED : 24 Feb 2026  
 TESTING PERIOD : 24 Feb 2026 to 27 Feb 2026

TEST REQUESTED : Selected test(s) as requested by customer  
 TEST METHOD : - PLEASE REFER TO NEXT PAGE(S) -  
 TEST RESULTS : - PLEASE REFER TO NEXT PAGE(S) -

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**TEST REPORT:**

No. CPSA/260377552-CB95585

Job Ref : C&amp;P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026**TEST RESULTS:****Test Part Description**

Sample Description: -PLEASE REFER TO PAGE 1-

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Parameter(s):	Unit	Test Method	Result	MDL	Limit
Dibutyl phthalate (DBP) (CAS No. 84-74-2)	mg/kg	With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.	N.D.	50	Max 1000
Di(2-ethylhexyl) phthalate (DEHP) (CAS No. 117-81-7)	mg/kg	With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.	N.D.	50	Max 1000
Benzyl butyl phthalate (BBP) (CAS No. 85-68-7)	mg/kg	With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.	N.D.	50	Max 1000
Diisobutyl phthalate (DIBP) (CAS No. 84-69-5)	mg/kg	With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.	N.D.	50	Max 1000

- Note :
- (a) mg/kg = ppm ; (0.1wt% = 1000ppm)
  - (b) N.D. = Not Detected
  - (c) MDL = Method Detection Limit
  - (d) - = Not regulated
  - (e) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
  - (f) IEC 62321 series is equivalent to EN 62321 series

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TAY SIAM PINE  
TECHNICAL MANAGER  
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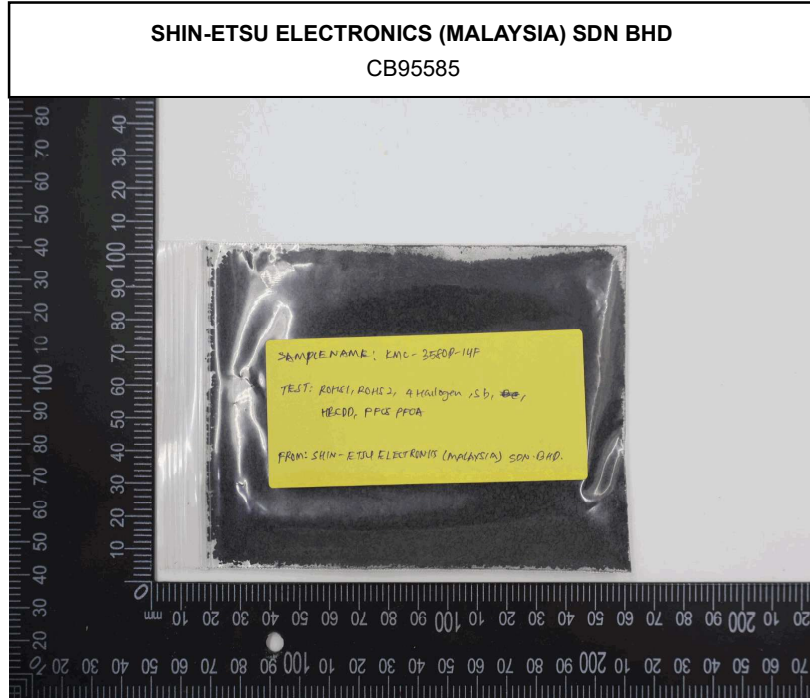
No. CPSA/260377552-CB95585

Job Ref : C&P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026

**Test Part Description :**

Sample Description: -PLEASE REFER TO PAGE 1-



SGS authenticate the photo on original report only

SIGNED FOR AND ON BEHALF OF  
SGS (MALAYSIA) SDN BHD

*[Signature]*  
TAY SIAM PINE  
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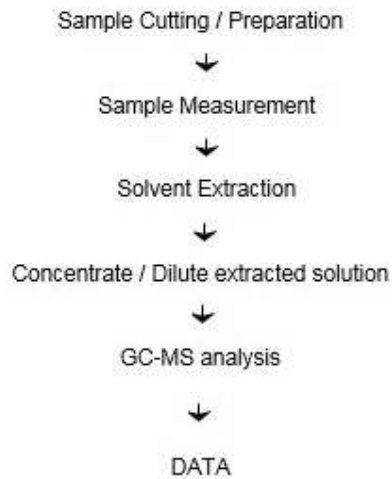
**TEST REPORT:**

No. CPSA/260377552-CB95585

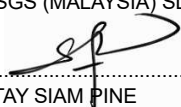
Job Ref : C&amp;P/2026-02-24-003

**REPORTED DATE:** 04 Mar 2026

**DETERMINATION OF PHTHALATES WITH GC-MS**  
**BY IEC 62321-8:2017**



SIGNED FOR AND ON BEHALF OF  
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\*\*\* End of test report \*\*\*

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**TEST REPORT:**

No. CPSA/260377513-CB95588

**REPORTED DATE:** 04 Mar 2026**SHIN-ETSU ELECTRONICS (MALAYSIA) SDN BHD**

LOT 50, JALAN SERENDAH 26/17,  
HICOM INDUSTRIAL ESTATE,  
40400 SHAH ALAM, SELANGOR,  
MALAYSIA

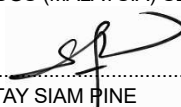
The following sample(s) was/were submitted and identified by applicant as:

SAMPLE DESCRIPTION : KMC-3580P-14F  
JOB REF. : C&P/2026-02-24-003  
SAMPLE RECEIVED : 24 Feb 2026  
TESTING PERIOD : 24 Feb 2026 to 02 Mar 2026

---

TEST REQUESTED : Selected test(s) as requested by customer  
TEST METHOD : -PLEASE REFER TO NEXT PAGE(S)-  
TEST RESULTS : -PLEASE REFER TO NEXT PAGE(S)-

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TAY SIAM PINE  
TECHNICAL MANAGER

IKM No. M/3452/6047/11/12



Test Report Form No.: SGS/TR/CP/013, Ver: 6.0, Effective Date: 07/07/2021

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SGS (Malaysia) Sdn. Bhd.  
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Lot 4, Persiaran Jubli Perak, Seksyen 22, 40300 Shah Alam, Selangor Darul Ehsan, Malaysia.  
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**TEST REPORT:**

No. CPSA/260377513-CB95588

**REPORTED DATE:** 04 Mar 2026**TEST RESULTS:****Test Part Description**

Sample Description: -PLEASE REFER TO PAGE 1-

Optional: RoHS Directive 2011/65/EU, priority substances

Test Parameter(s):	Unit	Test Method	Result	MDL
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) (CAS No.: 25637-99-4, 3194-55-6(134237-51-7, 134237-50-6, 134237-52-8))	mg/kg	In-house method, SGS-TM-RSTS-O-012, with reference to IEC 62321-6:2015. Analysis was performed by GCMS	N.D.	5

Note : (a) Reference Information: Directive 2011/65/EU recasting RoHS directive 2002/95/EC: Hexabromocyclododecane (HBCDD), Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) are considered as a priority for risk evaluation and substance restriction.  
 (b) N.D. = Not Detected

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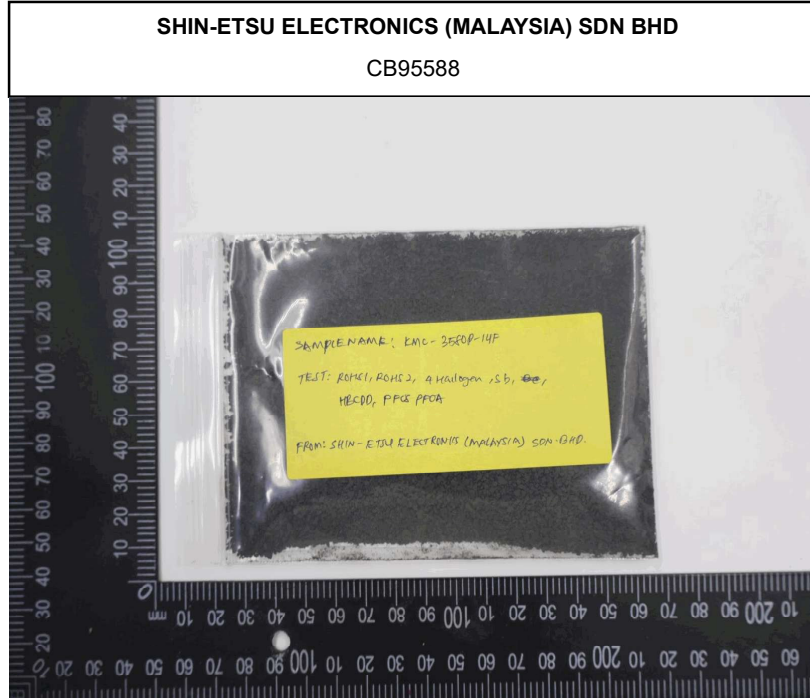
TEST REPORT:

No. CPSA/260377513-CB95588

REPORTED DATE: 04 Mar 2026

**Test Part Description :**

Sample Description: -PLEASE REFER TO PAGE 1-



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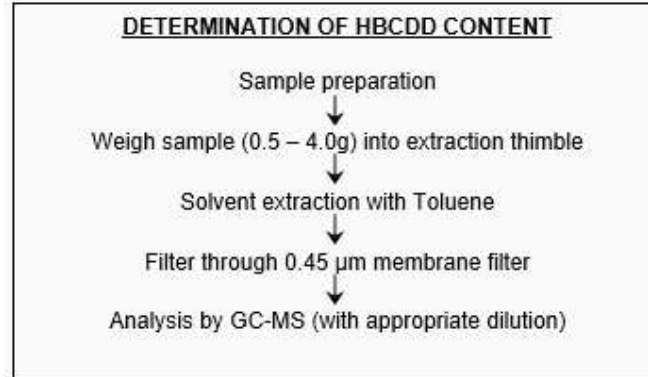
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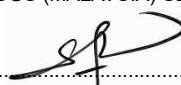
TEST REPORT:

No. CPSA/260377513-CB95588

REPORTED DATE: 04 Mar 2026



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**TEST REPORT**

No. CPSA/260379109-CB95589  
Job Ref. C&P/2026-02-24-003

**REPORTED DATE:** 30-March-2026

**SHIN-ETSU ELECTRONICS (MALAYSIA) SDN BHD**

LOT 50, JALAN SERENDAH 26/17,  
HICOM INDUSTRIAL ESTATE,  
40400 SHAH ALAM, SELANGOR,  
MALAYSIA

The following sample(s) was/were submitted and identified by applicant as:

Sample Description : KMC-3580P-14F  
Sample Received : 24-February-2026  
Testing Period : 24-February-2026 to 03-March-2026

---

Test Requested : Selected test(s) as requested by customer  
Test Method : -PLEASE REFER TO NEXT PAGE(S)-  
Test Result : -PLEASE REFER TO NEXT PAGE(S)-  
Remark : 1) This report supersedes report no.: CPSA/260377537-CB95589.

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**TEST REPORT**

No. CPSA/260379109-CB95589  
Job Ref. C&P/2026-02-24-003

**REPORTED DATE:** 30-March-2026

**Test Part Description:**

Sample Description: -PLEASE REFER TO PAGE 1-

Test Parameter	Unit	Test Method	Result	MDL	Requirement
Perfluorooctanesulfonic acid (PFOS) and Its salts <sup>#</sup>	mg/kg	Modified EN 17681-1:2025 and EN 17681-2:2022. Analysis by LC-MS and/or GC-MS.	N.D.	0.010	0.025
Perfluorooctanoic acid (PFOA) and its salts <sup>#</sup>	mg/kg		N.D.	0.010	0.025

- Note:
- (a) N.D. = Not Detected
  - (b) \* = exceeds the limit
  - (c) Detection limit = 1 µg/m<sup>2</sup> for Textile / Coated Material  
= 0.001% for Plastic, substances or mixtures
  - (d) Recommended requirement reference to Regulation (EU)2025/718 amending Part A to Annex I to Regulation (EU) 2019/1021 and Regulation (EU) 2020/784 amending Annex I to Regulation (EU) 2019/1021
  - (e) # Salts or derivatives of the substance are listed in Appendix

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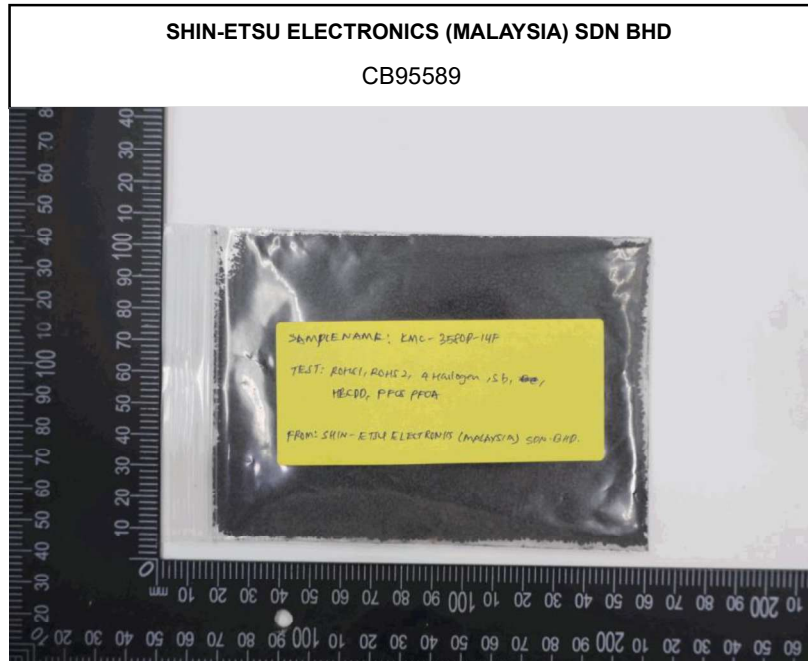
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Job Ref. C&P/2026-02-24-003

**REPORTED DATE:** 30-March-2026

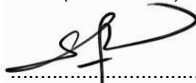
**Test Part Description :**

Sample Description : -PLEASE REFER TO PAGE 1-



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**TEST REPORT**

No. CPSA/260379109-CB95589

**REPORTED DATE:** 30-March-2026

Job Ref. C&amp;P/2026-02-24-003

**Appendix - List of individual PFAS, its salts and derivatives**

Note: The listed salts/derivatives are analyzed through their corresponding PFAS.

Substances	CAS No.	Substances	CAS No.
<b>PFOA, its salts</b>			
Perfluorooctanoic Acid (PFOA)	335-67-1	Pentadecafluorooctanoate (anion)	45285-51-6
Sodium perfluorooctanoate (PFOA-Na)	335-95-5	Perfluorooctanoic Anhydride	33496-48-9
Potassium perfluorooctanoate (PFOA-K)	2395-00-8	N,N,N-Triethylethanaminium perfluorooctanoate	98241-25-9
Lithium perfluorooctanoate (PFOA-Li)	17125-58-5	Perfluorooctanoate N,N,N-Trimethylmethanaminium	32609-65-7
Silver perfluorooctanoate (PFOA-Ag)	335-93-3	Tetrapropylammonium perfluorooctanoate	277749-00-5
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	Potassium pentadecafluorooctanoate--water (1/1/2) (PFOA-K(H <sub>2</sub> O) <sub>2</sub> )	98065-31-7
Ammonium perfluorooctanoate (APFO)	3825-26-1	Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C <sub>2</sub> H <sub>7</sub> N)	1376936-03-6
Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6	Pentadecafluorooctanoic acid--pyridine (1/1) (PFOA-C <sub>5</sub> H <sub>5</sub> N)	95658-47-2
Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9	Pentadecafluorooctanoic acid-1-phenylpiperazine(1:1) (PFOA-C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )	1514-68-7
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium (PFOA-Cr <sup>3+</sup> )	68141-02-6	N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate	927835-01-6
Pentadecafluorooctanoic acid—piperazine (PFOA-NH(C <sub>4</sub> H <sub>10</sub> N))	423-52-9		
<b>PFOS, its salts</b>			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )	111873-33-7
Potassium perfluorooctane sulfonate (PFOS-K)	2795-39-3	Perfluorooctanesulfonate	45298-90-6
Sodium perfluorooctane sulfonate (PFOS-Na)	4021-47-0	Triethylammonium perfluorooctane sulfonate (PFOS-NH(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	54439-46-2
Lithium perfluorooctane sulfonate (PFOS-Li)	29457-72-5	Tetramethylammonium perfluorooctane sulfonate (PFOS-N(CH <sub>3</sub> ) <sub>4</sub> )	56773-44-5
Ammonium perfluorooctane sulfonate (PFOS-NH <sub>4</sub> )	29081-56-9	N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-N(C <sub>3</sub> H <sub>7</sub> ) <sub>3</sub> (C <sub>5</sub> H <sub>11</sub> ))	56773-56-9
Perfluorooctane sulfonate diethanolamine salt (PFOS-NH <sub>2</sub> (C <sub>2</sub> H <sub>4</sub> OH) <sub>2</sub> )	70225-14-8	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>3</sub> (CH <sub>3</sub> ))	124472-68-0
Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> ) / PFOS-TEA	56773-42-3	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)	213740-80-8
Didecyl dimethyl ammonium perfluorooctane sulfonate (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )	251099-16-8	Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate	258341-99-0
Magnesium bis(heptadecafluoro octanesulphonate) (PFOS-Mg)	91036-71-4	1-Hexadecylpyridinium perfluoro-1-octanesulfonate	334529-63-4
Perfluoro-1-octanesulfonyl fluoride (PFOS-F)	307-35-7	N,N,N-Triethyldecane-1-aminium heptadecafluorooctane-1-sulfonate	773895-92-4
Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro octanesulfonate	71463-74-6	Tetrabutylphosphonium perfluorooctane sulfonate	2185049-59-4

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## TEST REPORT

No. CPSA/260379109-CB95589

REPORTED DATE: 30-March-2026

Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate	71463-74-6	Tetrabutylphosphonium perfluorooctane sulfonate	2185049-59-4
Perfluorooctanesulfonic acid diethylamine salt (PFOS-C4H11N)	2205029-08-7	Heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate (PFOS-C15H30NO2)	1203998-97-3
Perfluorooctane sulfonic anhydride (PFOSAN)	423-92-7		

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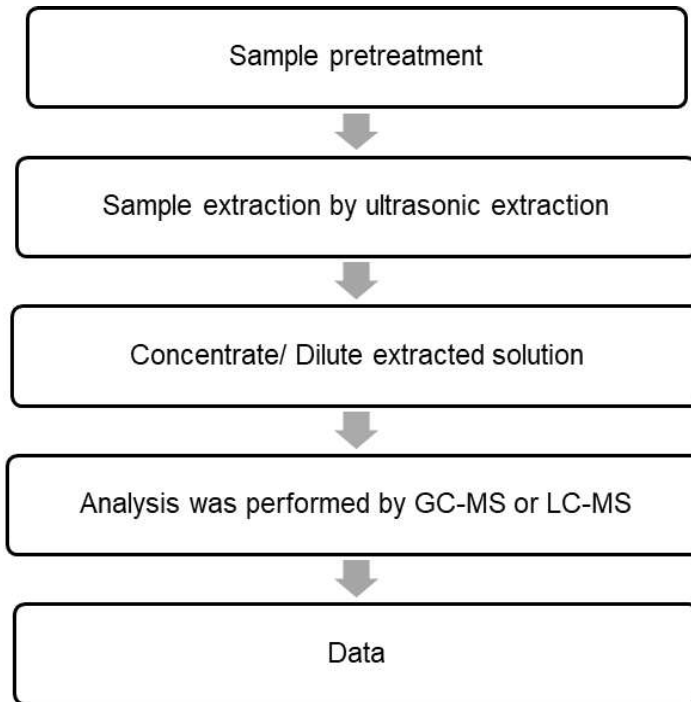


TEST REPORT

No. CPSA/260379109-CB95589  
Job Ref. C&P/2026-02-24-003

REPORTED DATE: 30-March-2026

### Analytical flow chart -PFAS (including PFOA/ PFOS /its related compound, etc)



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\*\*\* End of test report \*\*\*

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**TEST REPORT**

No. CPSA/260377911-CB95586

**REPORTED DATE:** 09-March-2026

Job Ref. C&amp;P/2026-02-24-003

**SHIN-ETSU ELECTRONICS (MALAYSIA) SDN BHD**

LOT 50, JALAN SERENDAH 26/17,  
HICOM INDUSTRIAL ESTATE,  
40400 SHAH ALAM, SELANGOR,  
MALAYSIA

The following sample(s) was/were submitted and identified by applicant as:

Sample Description	:	KMC-3580P-14F
Sample Received	:	24-February-2026
Testing Period	:	24-February-2026 to 06-March-2026

---

Test Requested	:	Selected test(s) as requested by customer
Test Method	:	-PLEASE REFER TO NEXT PAGE(S)-
Test Results	:	-PLEASE REFER TO NEXT PAGE(S)-

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SGS (MALAYSIA) SDN BHD

  
TAY SIAM PINE  
TECHNICAL MANAGER  
IKM NO. M/3452/6047/11/12



Test Report Form No.: SGS/TR/CP/002, Ver: 1.0, Effective Date: 04/02/2021

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**TEST REPORT**

No. CPSA/260377911-CB95586

**REPORTED DATE:** 09-March-2026

Job Ref. C&amp;P/2026-02-24-003

**Test results by chemical method :****Test Part Description :**

Sample Description: -PLEASE REFER TO PAGE 1-

Test Parameter(s):	Unit	Test Method	Result	MDL
Halogen-Fluorine (F)	mg/kg	With reference to BS EN 14582:2016, analysis performed by IC method for Fluorine content.	N.D.	50
Halogen-Chlorine (Cl)	mg/kg	With reference to BS EN 14582:2016, analysis performed by IC method for Chlorine content.	N.D.	50
Halogen-Bromine (Br)	mg/kg	With reference to BS EN 14582:2016, analysis performed by IC method for Bromine content.	N.D.	50
Halogen-Iodine (I)	mg/kg	With reference to BS EN 14582:2016, analysis performed by IC method for Iodine content.	N.D.	50

Note : (a) mg/kg = ppm

(b) N.D. = Not Detected

(c) MDL = Method Detection Limit

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## TEST REPORT

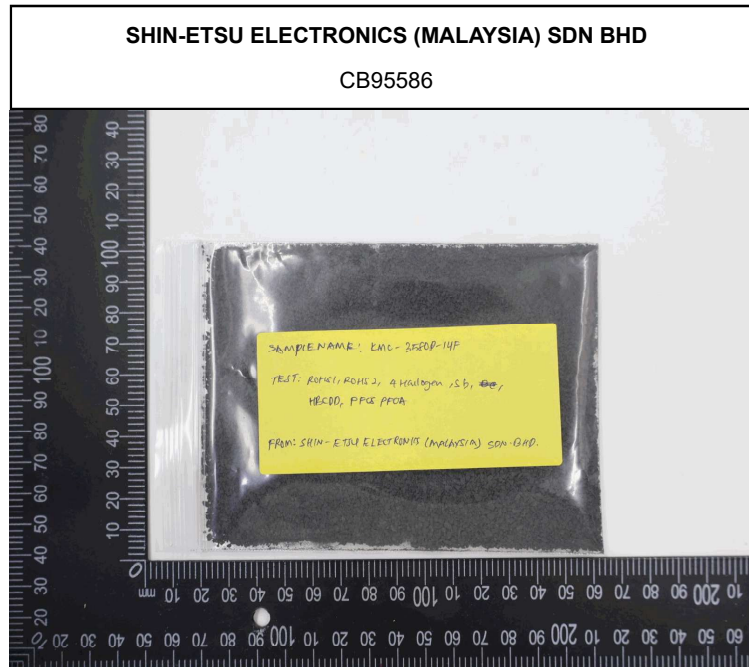
No. CP5A/260377911-CB95586

REPORTED DATE: 09-March-2026

Job Ref. C&amp;P/2026-02-24-003

**Test Part Description :**

Sample Description: -PLEASE REFER TO PAGE 1-



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Test Report Form No.: SGS/TR/CP/002, Ver: 1.0, Effective Date: 04/02/2021

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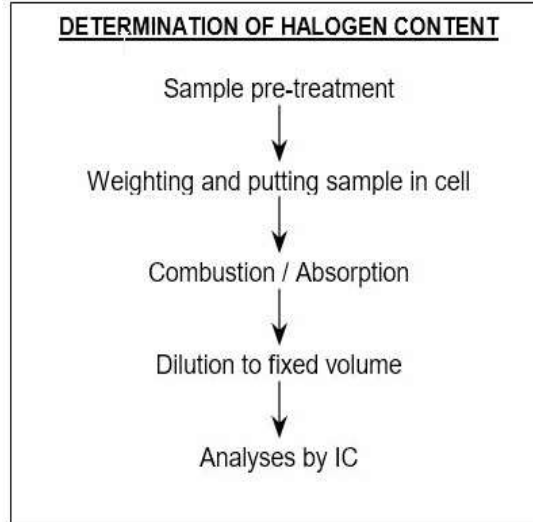
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TEST REPORT

No. CPSA/260377911-CB95586

REPORTED DATE: 09-March-2026

Job Ref. C&amp;P/2026-02-24-003



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**TEST REPORT:**

No. CPSA/260377511-CB95587

**REPORTED DATE:** 04 Mar 2026**SHIN-ETSU ELECTRONICS (MALAYSIA) SDN BHD**

LOT 50, JALAN SERENDAH 26/17,  
HICOM INDUSTRIAL ESTATE,  
40400 SHAH ALAM, SELANGOR,  
MALAYSIA

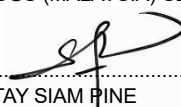
The following sample(s) was/were submitted and identified by applicant as:

SAMPLE DESCRIPTION : KMC-3580P-14F  
JOB REF. : C&P/2026-02-24-003  
SAMPLE RECEIVED : 24 Feb 2026  
TESTING PERIOD : 24 Feb 2026 to 27 Feb 2026

---

TEST REQUESTED : Selected test(s) as requested by customer  
TEST METHOD : -PLEASE REFER TO NEXT PAGE(S)-  
TEST RESULTS : -PLEASE REFER TO NEXT PAGE(S)-

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TECHNICAL MANAGER

IKM No. M/3452/6047/11/12



Test Report Form No.: SGS/TR/CP/013, Ver: 6.0, Effective Date: 07/07/2021

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Lot 4, Persiaran Jubli Perak, Seksyen 22, 40300 Shah Alam, Selangor Darul Ehsan, Malaysia.  
t +6(03) 7627 0080 f +6 (03) 7627 0082 [www.sgs.com](http://www.sgs.com)

**TEST REPORT:**

No. CPSA/260377511-CB95587

**REPORTED DATE:** 04 Mar 2026**TEST RESULTS:****Test Part Description**

Sample Description: -PLEASE REFER TO PAGE 1-

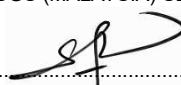
Test Parameter(s):	Unit	Test Method	Result	MDL
Antimony (Sb)	mg/kg	With reference to EPA Method 3052, and performed by ICP-OES.	N.D.	2

Note : (a) mg/kg = ppm ; ug/kg = ppb (0.01 mg/kg = 10 ug/kg); 0.1wt% = 1000ppm

(b) N.D. = Not Detected

(c) MDL = Method Detection Limit

(d) Negative = Undetectable / Positive = Detectable

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TAY SIAM PINE  
TECHNICAL MANAGER


IKM No. M/3452/6047/11/12

Test Report Form No.: SGS/TR/CP/013, Ver: 6.0, Effective Date: 07/07/2021

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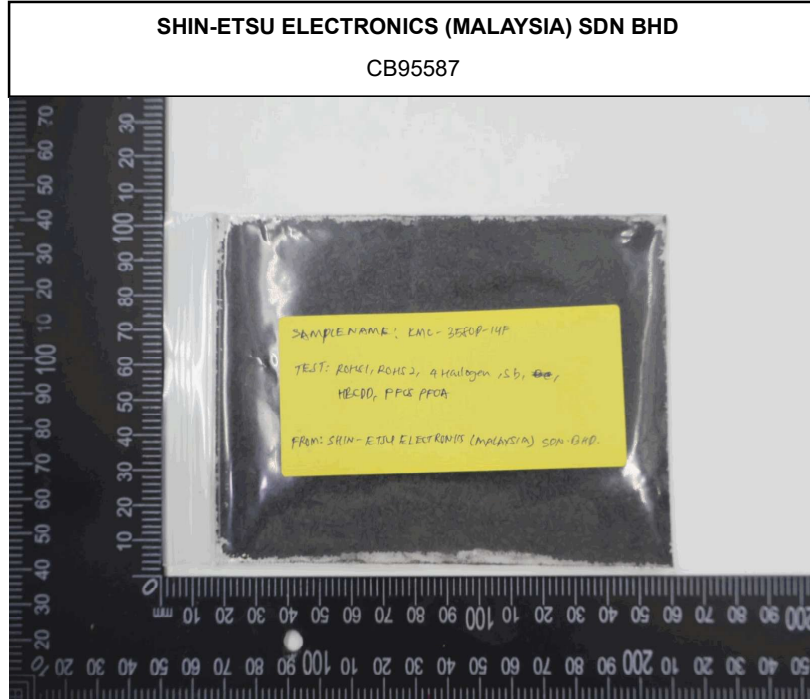
TEST REPORT:

No. CPSA/260377511-CB95587

REPORTED DATE: 04 Mar 2026

**Test Part Description :**

Sample Description: -PLEASE REFER TO PAGE 1-



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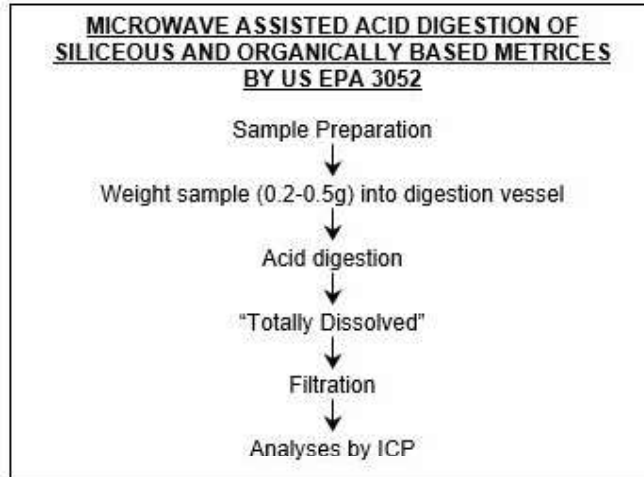
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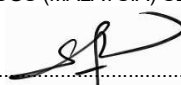
TEST REPORT:

No. CPSA/260377511-CB95587

REPORTED DATE: 04 Mar 2026



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TAY SIAM PINE  
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Test Report Form No.: SGS/TR/CP/013, Ver: 6.0, Effective Date: 07/07/2021

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**TEST REPORT:**

No. CPSA/260479628-CB97185

**REPORTED DATE:** 07 Apr 2026**SHIN-ETSU ELECTRONICS (MALAYSIA) SDN BHD**

LOT 50, JALAN SERENDAH 26/17,  
HICOM INDUSTRIAL ESTATE,  
40400 SHAH ALAM, SELANGOR,  
MALAYSIA

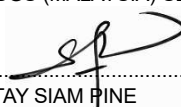
The following sample(s) was/were submitted and identified by applicant as:

SAMPLE DESCRIPTION : KMC-3580P-14F  
JOB REF. : C&P/2026-03-31-011  
SAMPLE RECEIVED : 31 Mar 2026  
TESTING PERIOD : 31 Mar 2026 to 03 Apr 2026

---

TEST REQUESTED : Selected test(s) as requested by customer  
TEST METHOD : -PLEASE REFER TO NEXT PAGE(S)-  
TEST RESULTS : -PLEASE REFER TO NEXT PAGE(S)-

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t +6(03) 7627 0080 f +6 (03) 7627 0082 [www.sgs.com](http://www.sgs.com)

**TEST REPORT:**

No. CPSA/260479628-CB97185

**REPORTED DATE:** 07 Apr 2026**TEST RESULTS:****Test Part Description:**

Sample Description: -PLEASE REFER TO PAGE 1-

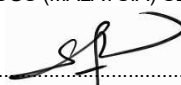
Test Parameter(s):	Unit	Test Method	Result	MDL
Beryllium (Be)	mg/kg	With reference to EPA Method 3052, and performed by ICP-OES.	N.D.	2

Note : (a) mg/kg = ppm ; ug/kg = ppb (0.01 mg/kg = 10 ug/kg); 0.1wt% = 1000ppm

(b) N.D. = Not Detected

(c) MDL = Method Detection Limit

(d) Negative = Undetectable / Positive = Detectable

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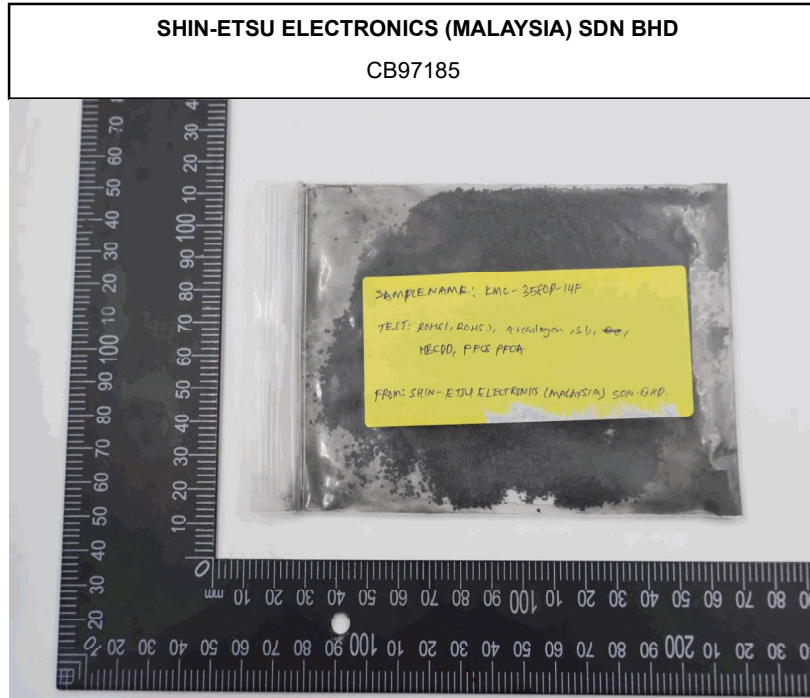
TEST REPORT:

No. CPSA/260479628-CB97185

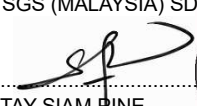
REPORTED DATE: 07 Apr 2026

**Test Part Description :**

Sample Description: -PLEASE REFER TO PAGE 1-



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TECHNICAL MANAGER

IKM No. M/3452/6047/11/12



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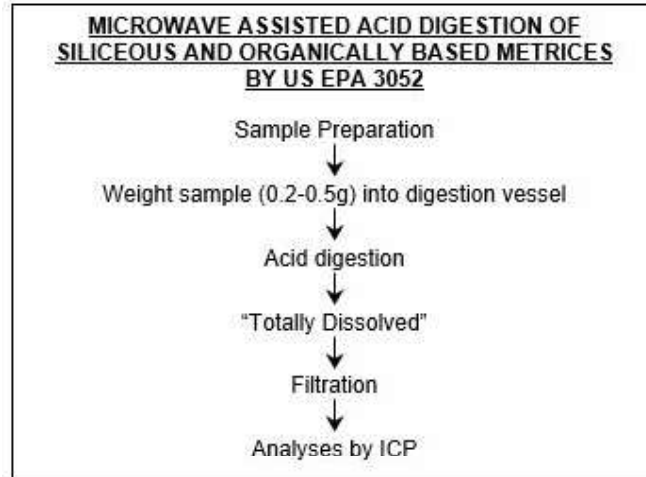
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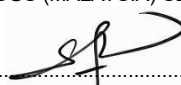
TEST REPORT:

No. CPSA/260479628-CB97185

REPORTED DATE: 07 Apr 2026



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TAY SIAM PINE  
TECHNICAL MANAGER

IKM No. M/3452/6047/11/12



Test Report Form No.: SGS/TR/CP/013, Ver: 6.0, Effective Date: 07/07/2021

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(Company No. 10871-T)

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