

Test Report No. CANEC2300364441 Date: 20 Feb 2023 Page 1 of 10

Client Name: LE SHAN SHARE ELECTRONIC CO, LTD

Client Address: NO.9 NANXIN ROAD, HIGH-TECH ZONE LESHAN CITY, SICHUANP.R CHINA

Sample Name : Potting bridge

Model No. : S35VB100

Client Ref. Info. : See remark

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

This report is to supersede test report CANEC2300364427

SGS Job No.: 10023982 - CQ

Date of Sample Received: 06 Jan 2023

Testing Period : 06 Jan 2023 - 19 Jan 2023

Test Requested : Persistent organic pollutants (POP) screening against.

- Substances in Annex I of European Regulation POPs (EU) 2021/277 amending

to Regulation (EU) 2019/1021.

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

Summary:

According to the specified scope and analytical techniques, concentration of test POPs are < regulation limit in the submitted sample.

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zuguan

Zm guan

Approved Signatory



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Remark:

- 1. Substances in Annex I of European Regulation POPs (EU) 2019/1021 are prohibited in preparations and constituents of articles unless otherwise specified.
- 2. Exemptions: Tetrabromodiphenyl ether, pentabromodiphenyl ether, hexabromodiphenyl ether, heptabromodiphenyl ether and decabromodiphenyl ether are ≤ 10 mg/kg for substances, and Sum of tetra-, penta-, hexa-, hepta- and decaBDE ≤500 mg/kg for mixtures or articles, this restriction is subject to review and assessment by the European by 16 July 2021.
- 3. Exemption: Tetrabromodiphenyl ether, pentabromodiphenyl ether, hexabromodiphenyl ether, heptabromodiphenyl ether and decabromodiphenyl ether in electrical and electronic equipment within the scope of Directive 2011/65/EU are exempted.
- 4. Exemption: Alkanes C10-13, chloro (short chain-chlorinated paraffins) (SCCPs) < 1.0% in preparation, <0.15% for articles.
- 5. Exemptions: Perfluorooctane sulfonates (PFOS) and its derivatives (acid, metal salt, halide, amide, and other derivatives including polymers) \leq 10 mg/kg for preparations, < 0.1% (w/w) for articles and < 1 ug/m² for textiles and coated materials.
- 6. Exemptions: HBCDD,No more than 100 mg/kg as an unintentional trace contaminant in substances, mixtures, articles or flame-retarded parts of articles.
- 7. The chemical analysis of substances is performed by means of currently available analytical techniques against substances laid down in Test Requested.
- 8. ^ Detected substance(s) may come from one or more components in composite testing. Client is suggested to identify the component(s) and the exact concentration of the substance(s) by requesting further quantitative analysis from the laboratory.

Test Sample:

Sample Description:

Specimen No. SGS Sample ID Description

SN1 CAN23-003644.005 Black plastic shell with yellow printing





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Test Method:

SGS In-House method –GZTC CHEM-TOP-268-01, Analyzed by Gas Chromatography – Mass Spectrometry (GC-MS), Gas Chromatography – Electro Capture Detector (GC-ECD), High Performance Liquid Chromatography – Diode Array Detector – Mass Spectrometry (HPLC-DAD-MS) or Liquid Chromatography – Mass /Mass Spectrometry (LC-MS/MS).

Test Result:

| No. | Substance Name | CAS No. | Unit | RL | 005 Concentration |
|-----|-------------------------|---------|-------|----|----------------------|
| - | All tested POPs in list | - | mg/kg | - | ND |

Notes:

- (1) The table above only shows detected POPs, and POPs that below RL are not reported. Please refer to Appendix for the full list of tested POPs.
- (2) RL = Reporting Limit. All RL are based on homogenous material ND = Not detected (lower than RL)
- (3) PFOS and its salts* including PFOS (CAS No. 1763-23-1), POSF(CAS No. 307-35-7), PFOS-K (CAS No. 2795-39-3), PFOS-NH₄ (CAS No. 29081-56-9), PFOS-N($C_{10}H_{21}$)₂(CH₃)₂ (CAS No. 251099-16-8), PFOS-NH₂($C_{2}H_{4}OH$)₂ (CAS No. 70225-14-8), PFOS-Li (CAS No. 29457-72-5), PFOS-N($C_{2}H_{5}$)₄ (CAS No. 56773-42-3) and PFOS-Na (CAS No. 4021-47-0). The result of PFOS is used to represent PFOS and its salts:
- (4) PFOA and its salts* including PFOA (CAS No. 335-67-1), APFO (CAS No. 3825-26-1), PFOA-Na (CAS No. 335-95-5), PFOA-K (CAS No. 2395-00-8), PFOA-Ag (CAS No. 335-93-3) and PFOA-F (CAS No. 335-66-0). The result of PFOA is used to represent PFOA and its salts;
- (5) Sum of PBDEs* Means Sum of Tetrabromodiphenyl ether, Pentabromodiphenyl ether, Hexabromodiphenyl ether, Heptabromodiphenyl ether and Decabromodiphenyl ether.
- (6) Results & photo(s) of this report refer to test report CANEC2300364439.

This report adds Client Ref. Info. and deletes Material No..





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Appendix

POPs substances tested in Article list:

| No. | Substance Name | CAS No. | Unit | RL | Regulatory requirement / Exemption | Sample ID |
|-----|---|-----------------------|-------|-------|------------------------------------|-----------|
| 1 | Tetrabromodiphenyl ether | 40088-47-9 and others | mg/kg | 5 | - | 005 |
| 2 | Pentabromodiphenyl ether | 32534-81-9 and others | mg/kg | 5 | - | 005 |
| 3 | Hexabromodiphenyl ether | 36483-60-0 and others | mg/kg | 5 | - | 005 |
| 4 | Heptabromodiphenyl ether | 68928-80-3 and others | mg/kg | 5 | - | 005 |
| 5 | Decabromodiphenyl ether; (decaBDE) | 1163-19-5 | mg/kg | 5 | - | 005 |
| - | Sum of PBDEs* | - | mg/kg | - | 500 | 005 |
| 6 | Perfluorooctane sulfonates (PFOS) and its derivatives | - | mg/kg | - | 1000 | 005 |
| 6-1 | Perfluorooctane sulfonates (PFOS) and its salts* | - | mg/kg | 0.010 | - | 005 |
| 6-2 | N-ethylperfluoro-1-octanesulfo namide (N-EtFOSA) | 4151-50-2 | mg/kg | 0.010 | - | 005 |
| 6-3 | N-methylperfluoro-1-octanesulf onamide(N-MeFOSA) | 31506-32-8 | mg/kg | 0.010 | - | 005 |
| 6-4 | 2- (N-ethylperfluoro-1-octanesulfo namido) -ethanol(N-EtFOSE) | 1691-99-2 | mg/kg | 0.010 | - | 005 |
| 6-5 | 2- (N-methylperfluoro-1-octanesul fonamido) -ethanol(N-MeFOSE) | 24448-09-7 | mg/kg | 0.010 | - | 005 |
| 6-6 | Perfluorooctane Sulfonamide (PFOSA) | 754-91-6 | mg/kg | 0.010 | - | 005 |
| 7 | DDT (1,1,1-trichloro-2,2-bis (4-chlorophenyl)ethane) | 50-29-3 | mg/kg | 0.05 | Prohibited | 005 |
| 8 | Chlordane | 57-74-9 | mg/kg | 0.01 | Prohibited | 005 |



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Appendix

POPs substances tested in Article list:

| No. | Substance Name | CAS No. | Unit | RL | Regulatory requirement / Exemption | Sample ID |
|-----|--|--|-------|------|------------------------------------|-----------|
| 9 | Hexachlorocyclohexanes, including lindane | 58-89-9 319-84-6 319-85-7 608-73-1 | mg/kg | 0.05 | Prohibited | 005 |
| 10 | Dieldrin | 60-57-1 | mg/kg | 0.05 | Prohibited | 005 |
| 11 | Endrin | 72-20-8 | mg/kg | 0.05 | Prohibited | 005 |
| 12 | Heptachlor | 76-44-8 | mg/kg | 0.05 | Prohibited | 005 |
| 13 | Endosulfan | 115-29-7 959-98-8 33213-65-9 | mg/kg | 0.05 | Prohibited | 005 |
| 14 | Hexachlorobenzene | 118-74-1 | mg/kg | 5 | Prohibited | 005 |
| 15 | Chlordecone | 143-50-0 | mg/kg | 0.2 | Prohibited | 005 |
| 16 | Aldrin | 309-00-2 | mg/kg | 0.05 | Prohibited | 005 |
| 17 | Pentachlorobenzene | 608-93-5 | mg/kg | 5 | Prohibited | 005 |
| 18 | Polychlorinated biphenyls (PCB) | 1336-36-3 and others | mg/kg | 5 | Prohibited | 005 |
| 19 | Mirex | 2385-85-5 | mg/kg | 0.05 | Prohibited | 005 |
| 20 | Toxaphene | 8001-35-2 | mg/kg | 0.2 | Prohibited | 005 |
| 21 | Hexabromobiphenyl | 36355-01-8 | mg/kg | 5 | Prohibited | 005 |
| 22 | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD) | 25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8 | mg/kg | 10 | 100 | 005 |
| 23 | Hexachlorobutadiene | 87-68-3 | mg/kg | 5 | Prohibited | 005 |
| 24 | Pentachlorophenol (PCP) and its salts and esters | 87-86-5 and others | mg/kg | 0.5 | 5 | 005 |
| 25 | Polychlorinated naphthalenes (PCN) | 70776-03-3 and others | mg/kg | 5 | Prohibited | 005 |



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Appendix

POPs substances tested in Article list:

| No. | Substance Name | CAS No. | Unit | RL | Regulatory requirement / Exemption | Sample ID |
|------|---|-----------------------|-------|-------|------------------------------------|-----------|
| 26 | Alkanes C ₁₀ ~C ₁₃ , chloro (short chain-chlorinated paraffins) (SCCPs) | 85535-84-8 and others | mg/kg | 50 | 1500 | 005 |
| 27 | Perfluorooctanoic acid (PFOA) and its salts* | - | mg/kg | 0.010 | 0.025 | 005 |
| 28 | PFOA related substances | - | mg/kg | - | 1.0 | 005 |
| 28-1 | 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | 39108-34-4 | mg/kg | 0.1 | - | 005 |
| 28-2 | Methyl perfluorooctanoate (Me-PFOA) | 376-27-2 | mg/kg | 0.1 | - | 005 |
| 28-3 | Ethyl perfluorooctanoate (Et-PFOA) | 3108-24-5 | mg/kg | 0.1 | - | 005 |
| 28-4 | 1H,1H,2H,2H-Perfluoro-1-deca nol (8:2 FTOH) | 678-39-7 | mg/kg | 0.1 | - | 005 |
| 28-5 | 1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) | 27905-45-9 | mg/kg | 0.1 | - | 005 |
| 28-6 | 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) | 1996-88-9 | mg/kg | 0.1 | - | 005 |
| 28-7 | Perfluoro-1-iodooctane (PFOI) | 507-63-1 | mg/kg | 0.1 | - | 005 |
| 29 | Dicofol | 115-32-2 | mg/kg | 0.05 | Prohibited | 005 |

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





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Remark:

S Model S, followed by 15,25,35,50,60,75,followed

by VB,BL, followed by 05,10,20,40,60,80,100,120,140,160, maybe

followed by H, W,Z,A, L,X,WC, WB ,DT. D

ST Model ST, followed by 15,25,35,50,55,60,75,followed by

02.04,06,08,10,12,14,16, 18,maybe followed by W,M,K,WL,A.D,L,S

SGBPC Model SGBPC, followed by 15,25,35,50,60,75,followed by

02.04,06,08,10,12,14,16,18

KBPC Model KBPC, followed by 4,6,8,10,15,25,35,50,60,75,

followed by 02.04,06,08,10,12,14,16,18, maybe followed by A

GBPC ModelGBPC, followed by 4,6,8,10,15,

25,35,50,60,75,followed by 02.04,06,08,10,12,14,16,18,maybe

followed by D,L, Z,W,A,ZL,WS,WD,WC,WL, WF,WFL

MDD Model MDD, followed by 50,60, 70,80,90,100,110,120,

140,150,160, 180,200, followed by A, followed by 60,80,100,120,

140,160,180,200,250 MT3516M,2CZ1506

2CZ2001/02/04/06/08/10/812/14/16 2CZ1501/02/04/06/08/10/812/14/

16 2CZ1001/02/04/06/08/10/812/14/16 2CZ801/02/04/06/08/10/812/14/

16 2CZ601/02/04/06/08/10/812/14/16

W06/08/10/12/14/16(G) \ 2W06/08/10/12/14/16(G)

MTP3516A1 \ MTP5016A1

MDQ50-06MDQ Model MDQ followed by 50, followed by 06

MTP Model MTP, followed by 35, 50 followed by 16, followed by A1

MDS Model MDS 30.40.50.60.70.75.80.90.100.120.150.160.200.250.

300.350.400.500.600.followed by AB.BB.CB.DB.EB.FB.GB.HB.

IB.JB.KB followed by 60.70.80.90.100.120.140.160.180.200.220.250.

300.400 maybe followed by A.B.C.D.E.F.G

MDC/120/130/140/150/160BB80/100/120/160/180/200 MDC30/60/90CB80/

120/160/180 MDD70/90/110/120/140/150/160/200A80/100/120/160/180/200

MFDK100/200/300A20/30/40 MFDB50/60/75/80/100A20/30/40/60 B

MFDB50/60/75/80/100A20/30/40/60 C MFDD160/200/240/300/360/400A/K

/Z30/40/60





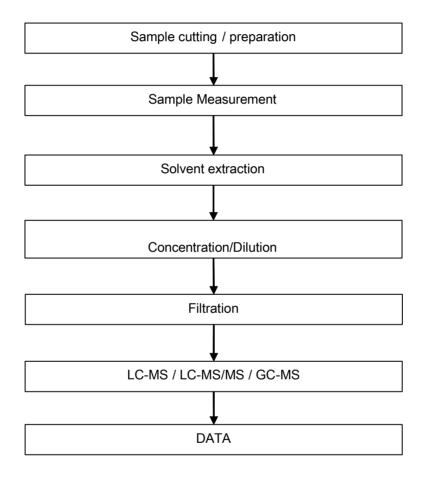
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ATTACHMENTS

PFAS Testing Flow Chart







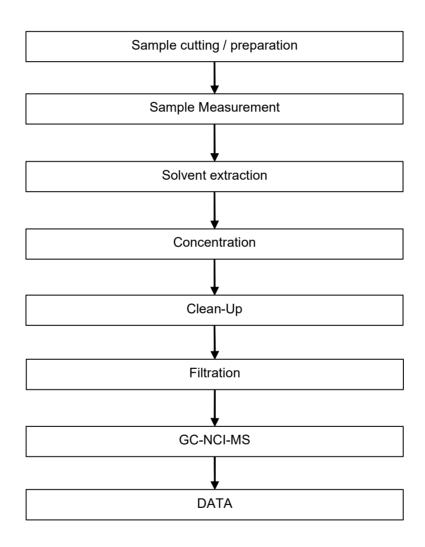
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ATTACHMENTS

SCCP/MCCP/LCCP Testing Flow Chart







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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

