

## Test Report

No.: CANEC23014677533

Date: Nov 30, 2023

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Client Name: 3F ELECTRONICS INDUSTRY CORP., LTD

Client Address: NO.5, ZHENXING ROAD, LIYUHE INDUSTRY PARK, LOUCUN VILLAGE, GONGMING STREET, GUANGMING NEW DISTRICT, SHENZHEN, GUANGDONG, CHINA

Sample Name: PVC wire and cable

Model No.: UL1015 18AWG black、UL1015 18AWG white、FLRY-A 0.50 mm<sup>2</sup> red

Client Ref. Information: Please see Attachment

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

SGS Job No.: SZP23-028809

Sample Receiving Date: Nov 22, 2023

Testing Period: Nov 22, 2023 ~ Nov 28, 2023

Test Requested: Select test(s) as requested by the client.

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

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

Test Requirement	Conclusion
Perfluorooctane Sulfonates (PFOS) and its derivatives and Perfluorooctanoic Acid (PFOA) and its salts	See Results

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

*Annie Ren*

Annie Ren  
Approved Signatory

scan to see the report



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Guangzhou Branch

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**Test Result(s):**

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A13	CAN23-0146775-0001.C013	Black plastic jacket A13-a+White plastic jacket A13-b+Red plastic jacket A13-c

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

**Perfluorooctane Sulfonates (PFOS) and its derivatives and Perfluorooctanoic Acid (PFOA) and its salts**

Test Method: With reference to CEN/TS 15968:2010, analysis was performed by HPLC-MS or LC-MS/MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A13
PFOS and its derivatives	-	mg/kg	-	ND
Perfluorooctane Sulfonates (PFOS) and its salts*	1763-23-1	mg/kg	0.010	ND
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	mg/kg	0.010	ND
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	mg/kg	0.010	ND
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2	mg/kg	0.010	ND
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)	24448-09-7	mg/kg	0.010	ND
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	mg/kg	0.010	ND
Perfluorooctanoic Acid (PFOA) and its salts*	335-67-1	mg/kg	0.010	ND

**Notes:**

- (1) Perfluorooctanoic acid (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.
- (2) Perfluorooctane sulfonates (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-NH<sub>4</sub> (CAS No. 29081-56-9), PFOS-N(C<sub>10</sub>H<sub>21</sub>)<sub>2</sub>(CH<sub>3</sub>)<sub>2</sub> (CAS No. 251099-16-8), PFOS-NH<sub>2</sub>(C<sub>2</sub>H<sub>4</sub>OH)<sub>2</sub> (CAS No. 70225-14-8), PFOS-Li (CAS No. 29457-72-5), PFOS-N(C<sub>2</sub>H<sub>5</sub>)<sub>4</sub> (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.

Remark: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference. 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.



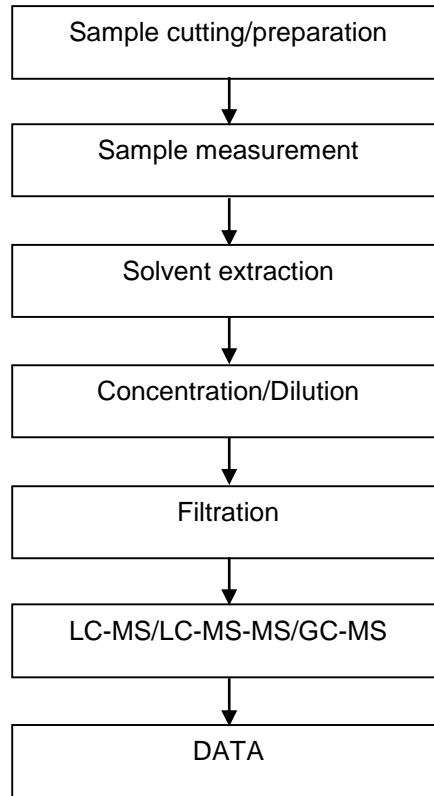
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### PFASs/ PFOS/PFOA Testing Flow Chart



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Attachment:

1007、1010、1013、1015、1017、1020、1021、1022、1023、1024、1026、1027、1028、1040、  
 1041、1043、1054、1055、1056、1061、1095、1207、1211、1220、1230、1233、1234、1235、1236、  
 1237、1238、1239、1265、1266、1275、1283、1284、1308、1314、1316、1452、1569、1571、1589、  
 1617、1618、1672、1764、2038、2095、2096、2101、2102、2103、2127、2129、2265、2343、2344、  
 2345、2346、2384、2385、2386、2387、2388、2448、2463、2464、2468、2490、2493、2501、2502、  
 2516、2517、2532、2550、2560、2569、2570、2571、2574、2576、2584、2586、2587、2589、2598、  
 2614、2626、2630、2631、2637、2651、2653、2654、2655、2656、2660、2661、2662、2668、2679、  
 2704、2709、2722、2726、2733、QFR、2754、2919、2990、3463、3482、10024、10053、10070、  
 10076、10198、10269、20276、20293、20294、20295、20478、20480、20482、21014、1429、1430、  
 1431、3314、3315、3443、3453、3454、3558、3611、10093、10097、10183、10271、1032、10346  
 10347、11627、MTW/TEW1015、60227IEC01 (BV)、60227IEC02 (RV)、60227IEC05 (BV)、  
 60227IEC06 (RV)、60227IEC08(RV-90)、VDE WIRE、QB-A、QB-B、AVR、HDT、STT、SGT、  
 GPT、TWP、FLRY、FLY、FLRYW、FLRX、FLR9Y、FLRW、MIL-W-76、16878/1C、16878/2C、16878/3C、  
 16878/17B、AV、BVR、AVS、AVSS、AVSX、AVSSH、CAV、CAVS、CAVUS、EB、HEB、HEBX、  
 HDEB、AVXS、AVX、AVFX、EBX、AVF、QVR、GB.AV.300/300V、GB.RVS.300/300V、TVSSX、  
 MTW、MTW/TEW1015、H05V-K、H07V-K、E-80/T,TX,TY,TN/PVC 150V,300V、600V、FLALYW、  
 R2、60227 IEC 52 (RVV)、60227 IEC 53 (RVV)、FHLRY、E-105/T,TX,TY,TN/PVC 150V,300V,600V、  
 EBB-80/T,TX/PVC 150V、CQC PVC wire and PVC TUBE



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Sample Photo:



SGS authenticate the photo on original report only  
\*\*\* End of Report \*\*\*



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