

Test Report

No.: CANEC25025369527

Date: Oct 24, 2025

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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.: UL1569 18AWG black UL1015 18AWG white UL1015 18AWG red

Client Ref. Information: Please see attachments

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

SGS Job No.: SZP25-052390

Sample Receiving Date: Oct 16, 2025

Testing Period: Oct 16, 2025 ~ Oct 22, 2025

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
AfPS GS 2019:01 PAK-Polycyclic Aromatic Hydrocarbons (PAHs)	See Results

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

Violet Shi

Violet Shi
Approved Signatory

Scan to see the report



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1+A2+A3	CAN25-0253695-0002	Black plastic jacket + White plastic jacket + Red plastic jacket

Remarks:

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

AfPS GS 2019:01 PAK-Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A1+A2+A3
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	mg/kg	0.1	ND
Benzo(b)Fluoranthene(BbF)	205-99-2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.1	ND
Benzo(k)Fluoranthene(BkF)	207-08-9	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	mg/kg	0.1	ND
Dibenzo(a,h)Anthracene(DBA)	53-70-3	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	mg/kg	0.1	ND
Sum of Phenanthrene(PHE), Pyrene(PYR), Anthracene(ANT), Fluoranthene(FLT)	-	mg/kg	-	ND
Naphthalene(NAP)	91-20-3	mg/kg	0.1	ND
Sum of 15 PAHs	-	mg/kg	-	ND
Material Category	-	-	-	-

Notes:

AfPS (German commission for Product Safety) : PAHs requirements

Parameter	Category 1	Category 2	Category 3
	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin	Materials not covered by category 1, coming into long-term contact (more than 30s) or short-term repetitive contact ^c with skin during the intended or foreseeable use ^d .	Materials covered neither by category 1 nor by category 2, coming into short-term contact (up to 30s) with skin during the intended or foreseeable use.



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	(more than 30s) during the intended use -in toys according to Directive 2009/48/EC or -for the use by children ^{a,b} up to 3 years of age.	a. use by children	b. other consumer products	a. use by children	b. other consumer products
Benzo(a)pyrene (BaP) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene (BeP) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene (BaA) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene (BbF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene (BjF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene (BkF)mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (CHR) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene (DBA) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene (BPE) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene (IPY) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene (PHE), pyrene (PYR), anthracene (ANT), fluoranthene (FLT), mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene (NAP) mg/kg	< 1	< 2		< 10	
Sum of 15 PAHs	<1	< 5	< 10	< 20	< 50

Notes:

^a A "Child" is legally defined as a person before reaching the age of 14 years.

^b Use by children includes both active and passive contact by children.

^c Definition "short-term repetitive contact" taken from REACH Annex XVII entry 50 amendment (Regulation (EC) No.1272/2013)



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^d According to the definition of the German Product Safety Act (ProdSG) (chapter 1 Article 2 No. 28) "foreseeable use" shall mean the use of a product in a manner that the person placing it on the market, has not intended, but which could be reasonably foreseeable.

Remark:

The German committee on Product Safety (AfPS) published a new PAHs document (AfPS GS 2019:01 PAK) on April 10, 2020, which will be binding for the issue of GS mark certificate from July 1, 2020.

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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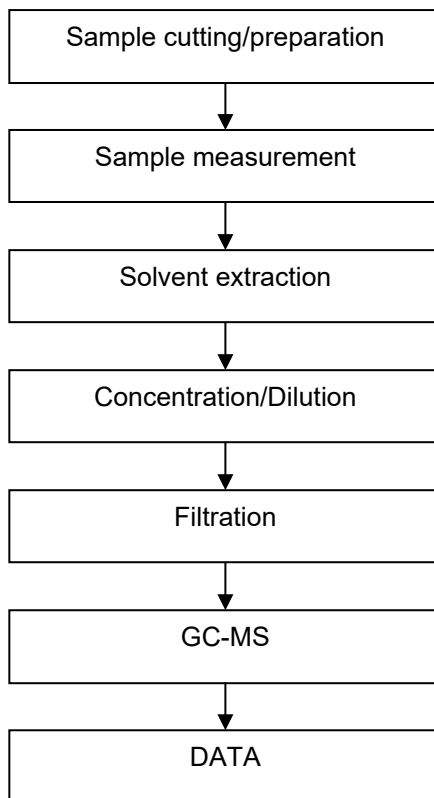
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PAHs Testing Flow Chart



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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、1344、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、1034610347、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、CIVUS、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、600 V、FLALYW、
R2、60227 IEC 52 (RVV)、60227 IEC 53 (RVV)、FLUY、FLUYV、FHLRY、FHLRY-A/B、
FHLRYW-A/B、IW-B、FLY-B、TW、THHN、THW、THW-2、THHW、THWN、THWN-2、
TWE-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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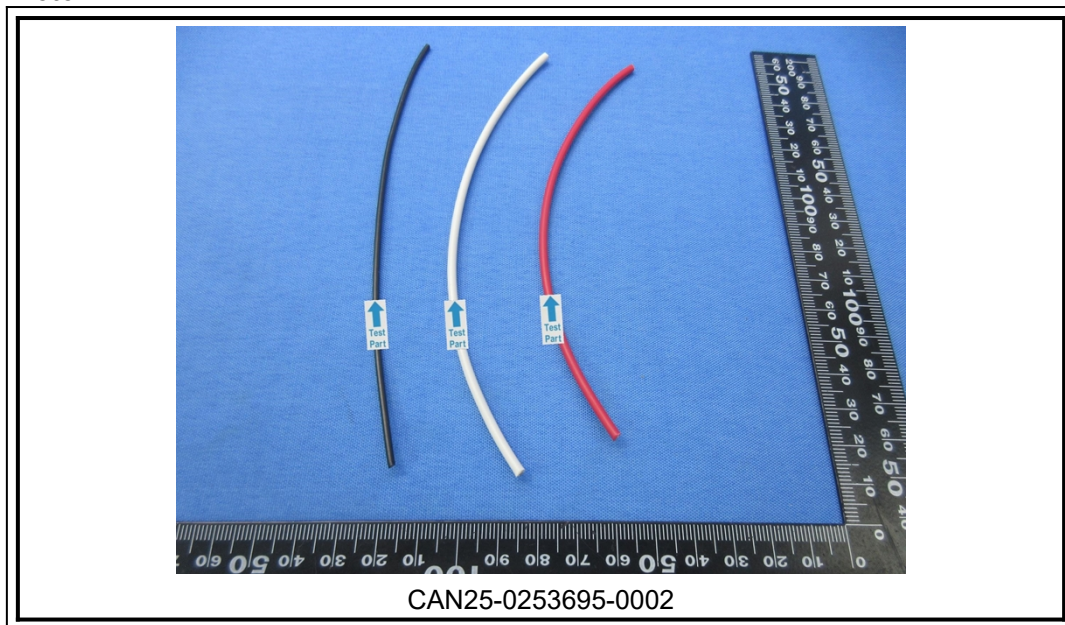
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