

Test Report

No.: SZXEC26003748707_1

Date: Jun 24, 2026

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Client Name: SHENZHEN YONGYUAN MICROELECTRONICS TECHNOLOGY CO.,LTD

Client Address: C2 BUILDING RUIMING INDUSTRIAL PARK, NO.44 HEXIU WEST ROAD,
ZHANCHENG, FUHAI STREET,BAO'AN DIST, SHENZHEN

Sample Name: MOS

Model No.: TO252-3L

Client Ref. Information: TO252-3L、TO252-4L、TO263-3L、TO251S-3L、TO220F-3L、
TO220-3L、TO247-3L、PDFN3*3-8L、PDFN5*6-8L、TO263-6L、
TOLLA-8L、STOLL-5L、TO264-3L TOLT-16L、TO3P-3L、
TO262-3L、TO251L-3L、DIP8、TO247S-3L

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

THIS REPORT IS TO SUPERSEDE REPORT NO.SZXEC26003748707, DATE: Jun 23, 2026.

SGS Job No.: SZP26-029866

Sample Receiving Date: Jun 16, 2026

Testing Period: Jun 16, 2026 ~ Jun 23, 2026

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)	Pass

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

Tina

Tina Fan

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	A2	SZX26-0037487-0001.C002	Black plastic with brown printing

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.	Limit	Unit(s)	MDL	A2
Benzo(a)pyrene (BaP)	50-32-8	0.5	mg/kg	0.1	ND
Benzo(e)pyrene (BeP)	192-97-2	0.5	mg/kg	0.1	ND
Benzo(a)anthracene (BaA)	56-55-3	0.5	mg/kg	0.1	ND
Benzo(b)fluoranthene (BbF)	205-99-2	0.5	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	0.5	mg/kg	0.1	ND
Benzo(k)fluoranthene (BkF)	207-08-9	0.5	mg/kg	0.1	ND
Chrysene (CHR)	218-01-9	0.5	mg/kg	0.1	ND
Dibenzo(a,h)anthracene (DBA)	53-70-3	0.5	mg/kg	0.1	ND
Benzo(g,h,i)perylene (BPE)	191-24-2	0.5	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene (IPY)	193-39-5	0.5	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)	-	10	mg/kg	-	ND
Naphthalene (NAP)	91-20-3	2	mg/kg	0.1	ND
Sum of 15 PAHs	-	10	mg/kg	-	ND
Material Category	-	-	-	-	2
Conclusion					Pass

Notes:

As per client information, the tested sample is not children product which is under the directive of German ProdSG.

AfPS (German commission for Product Safety) : PAHs requirements

Parameter	Category 1	Category 2	Category 3
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	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (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.	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.	
		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	



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Sum of 15 PAHs	<1	< 5	< 10	< 20	< 50
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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)

^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: This report updates Client Ref.Info.

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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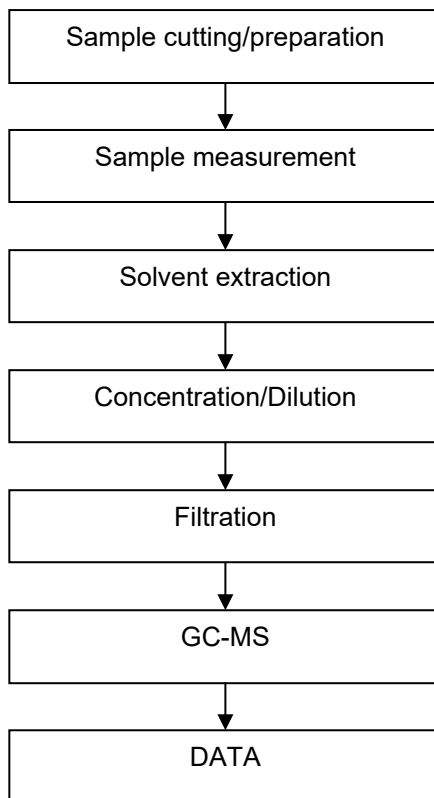
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PAHs Testing Flow Chart



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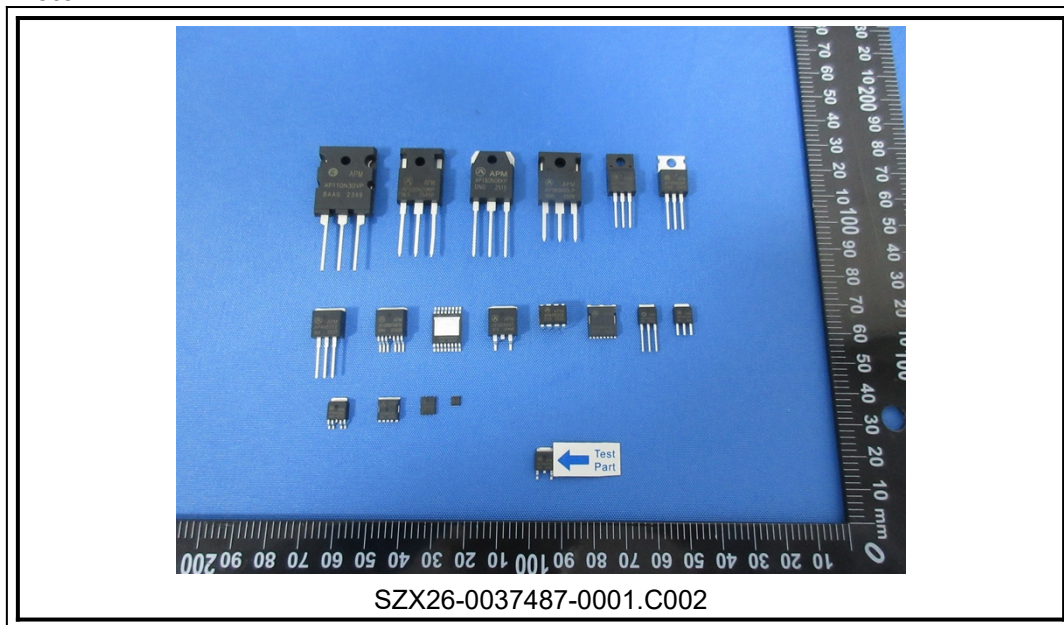
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Sample Photo:



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*** End of Report ***



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