

Test Report

o CANEC26020979321

te Aug 06, 2026

Page 1 of 6

Client Name: FOSHAN BLUE ROCKET ELECTRONICS CO.,LTD.
Client Address: NO.45 GUXIN ROAD,CHANCHENG DISTRICT,FOSHAN,GUANGDONG,P.R.C.

Sample Name: SOT-23 Semiconductor Device
Model No.: SOT-23
Client Ref. Information: ABF ABS D3K DBF DBM DBS DO-15 DO-27/DO-201 DO-41
DFN0603 DFN1.2×1.2-6L DFN1×1 DFN1×1-4L-A DFN1006 DFN2×2
DFN2×2-3L DFN2×2-6L DFN2×2A-6L DFN3×2 DFN3×2-8L DFN3×2-
10L DFN3×3 DFN3×3-12L DFN5×6 DFN8×8 DFN8×8A-4L
DFN9×6 ESOP-8 GBJ GBL GBP GBU HBS KBJ KBL KBP
LFPK5×6 MBF MBS HTSSOP16 PDFN3×2 PDFN3×2-6L
PDFN3×3A-8L PDFN3×3 PDFN5×6 QFN2×2 QFN3×3 QFN4×4
QFN4×4-16L QFN4×4-24L QFN4×4-32L SMA SMAF SMB SMBF
SMC SOD-123 SOD-123FL SOD-323 SOD-523 SOP-7 SOP-8
SOP-8PL SOP-8PLA SOT-223 SOT23-3 SOT23-5 SOT23-6 SOT-
323 SOT-363 SOT-523 SOT-89 TO-126 TO-126F TO-220 TO-
220AC TO-220F TO-220FAC TO-220FL TO-247 TO-251 TO-252
TO-262 TO-263 TO-277 TO-3P TO-3PH TO-3PN TO-92 TO-92B
TO-92LM TS-2 TSOT23-6 TOLL-8L UMB UMSB

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

SGS Job No.: GZP26-023579
Sample Receiving Date: Jul 29, 2026
Testing Period: Jul 29, 2026 ~ Aug 05, 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 Re e e t	o s o
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

Allie Chen

Allie Chen
Approved Signatory

Scan to see the report



Test Report

o CANEC26020979321

te Aug 06, 2026

Page 2 of 6

Test Results

Test Items

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN26-0209793-0001.C001	"SOT-23 Semiconductor Device"

Remarks:

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

Analysis Results

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
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	-	-	-	-



Test Report

o CANEC26020979321

te Aug 06, 2026

Page 3 of 6

	(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	
o A s	<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 REAP5 168.98600769 | I69 169 S 0.125 315.35p47. | S





Test Report

o CANEC26020979321

te Aug 06, 2026

Page 4 of 6

^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.

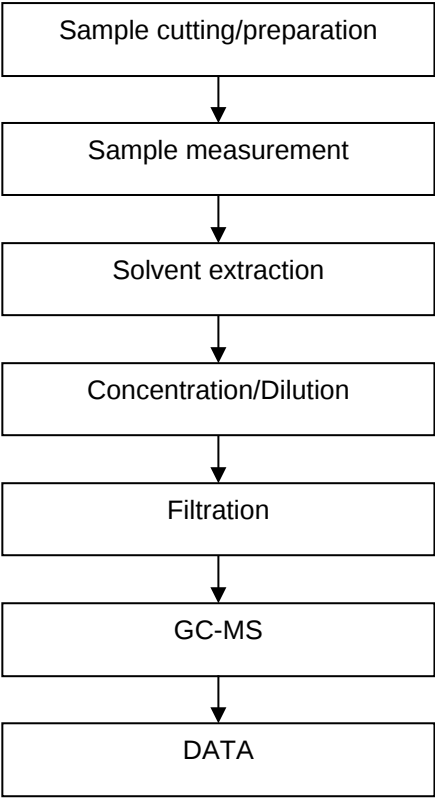
Remark:

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.

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.



Analysis Test





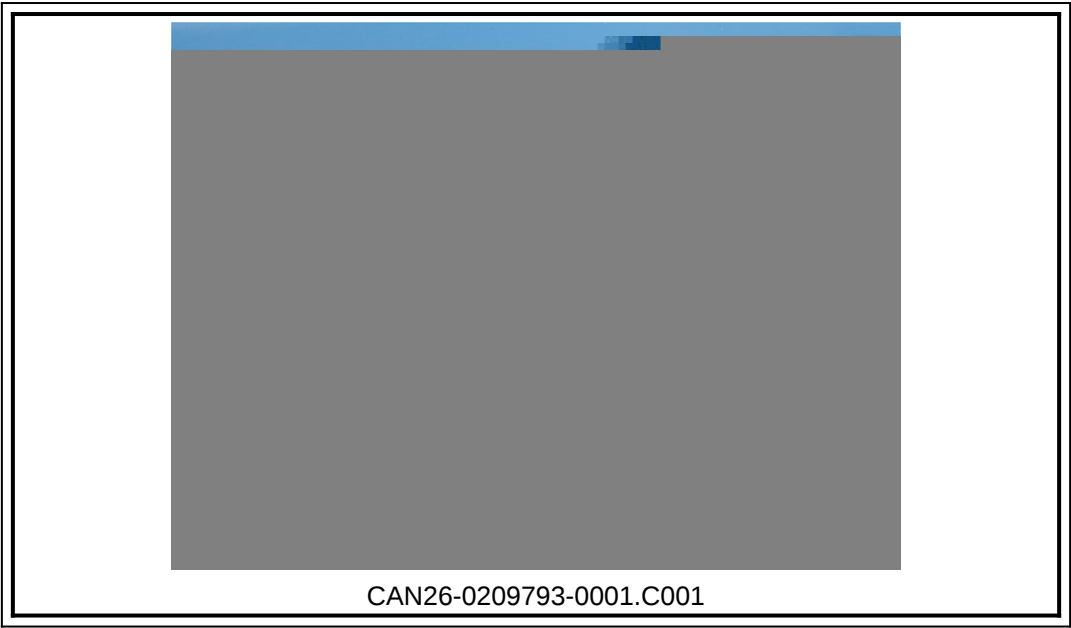
Test Report

o CANEC26020979321

te Aug 06, 2026

Page 6 of 6

pe oto



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

