

Test Report

No. SHAEC2113847801

Date: 09 Jul 2021

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JIEJIE Semiconductor Co.,Ltd.

No.6,Jinggangshan Road,Su Tong Industrial Park,Nantong City,Jiangsu Province

The following sample(s) was/were submitted and identified on behalf of the clients as : SOP-8

SGS Job No. : SP21-020685 - SH

Client Ref. Information : TO-3P、TO-92、TO-92CR、TO-92UR、TO-92-2L、TO-220A、TO-220B、TO-220AB、TO-220C、TO-220C-2L、TO-251、TO-252、

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA21-138478.001	Black body with silvery metal

Remarks :

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

Polycyclic aromatic hydrocarbons (PAHs)

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

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Benzo(a)pyrene(BaP)	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	mg/kg	0.1	ND
Chrysene(CHR)	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.1	ND
Phenanthrene(PHE)	mg/kg	0.1	ND
Pyrene(PYR)	mg/kg	0.1	ND
Anthracene(ANT)	mg/kg	0.1	ND
Fluoranthene(FLT)	mg/kg	0.1	ND
Sum of Phenanthrene(PHE), Pyrene(PYR), Anthracene(ANT), Fluoranthene(FLT)	mg/kg	-	ND
Naphthalene(NAP)	mg/kg	0.1	ND
Sum of 15 PAHs	mg/kg	-	ND



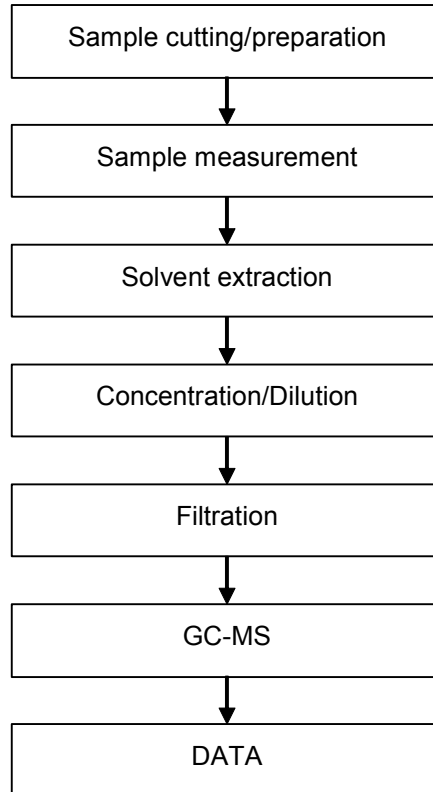
AfPS (German commission for Product Safety) : PAHs requirements

	Category 1	Category 2	Category 3
Parameter	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	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.
Unit : mg/kg			



ATTACHMENTS

PAHs Testing Flow Chart



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***