Test Report

No. CANEC2210994104 Date: 01 Jun 2022 Page 1 of 4

Client Name : SHENZHEN KESENES SEMICONDUCTOR CO.LTD.

Client Address : BUILDING C/5 FLOOR TIANJI PLAZA, TIANAN DIGITAL CITY, SHENZHEN, CHINA

Sample Name : SOT23-6

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

SGS Job No. : CP22-026758 - SZ

Date of Sample Received : 26 May 2022

Testing Period : 26 May 2022 - 01 Jun 2022

Test Requested : Selected 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).

Result Summary :

Test Requested	Conclusion
Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 –Organotin compounds	PASS
European Regulation POPs (EU) 2019/1021– Alkanes C_{10}~C_{13}, chloro (short chain-chlorinated paraffins) (SCCPs)	PASS
European Regulation POPs (EU) 2019/1021–Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	PASS

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

scan to see the report

EC58DAB9

Allie Chen

Allie Chen
Approved Signatory

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center Chemical Laboratory

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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN22-109941.001	"SOT23-6"

Remarks :

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

Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 – Organotin compounds

Test Method : SGS In-house method (GZTC CHEM-TOP-031, with reference to ISO 17353:2004), analysis was performed by GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Tributyl tin (TBT) by weight of Tin	-	%(w/w)	0.01	ND
Triphenyl tin (TPhT) by weight of Tin	-	%(w/w)	0.01	ND
Tricyclohexyltin (TCyT) by weight of Tin	-	%(w/w)	0.01	ND
Trioctyltin (TOT) by weight of Tin	-	%(w/w)	0.01	ND
Tripropyltin (TPT) by weight of Tin	-	%(w/w)	0.01	ND
Trimethyltin(TMT) by weight of Tin	-	%(w/w)	0.01	ND
Σ of Tri substituted organotin compounds by weight of Tin	0.1	%(w/w)	-	ND
Dibutyl tin (DBT) by weight of Tin	0.1	%(w/w)	0.01	ND
Dioctyl tin (DOT) by weight of Tin	0.1	%(w/w)	0.01	ND
Comment				**PASS**

European Regulation POPs (EU) 2019/1021– Alkanes C_{10}~C_{13}, chloro (short chain-chlorinated paraffins) (SCCPs)

Test Method : With reference to ISO 22818:2021, analysis was performed by GC-NCI-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Alkanes C_{10}~C_{13}, chloro (short chain-chlorinated paraffins) (SCCPs)	85535-84-8 and others	1500	mg/kg	50	ND
Comment					**PASS**

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European Regulation POPs (EU) 2019/1021–Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)

Test Method : With reference to IEC 62321-9:2021, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Hexabromocyclododecane (HBCDD) and its main diastereoisomers (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	100	mg/kg	20	ND
Comment					**PASS**

Remark: Results & photo(s) of this report refer to test report CANEC2210994101.

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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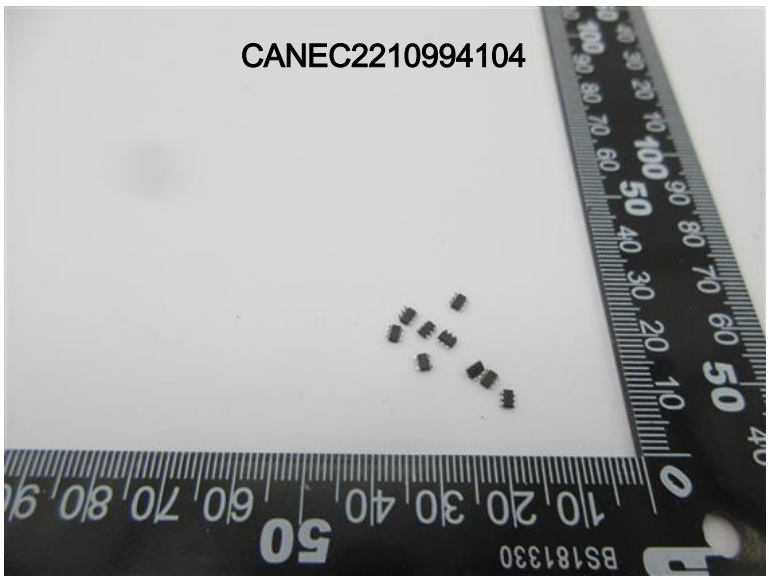
Sample photo:



CAN22-109941.001

SGS authenticate the photo on original report only

*** End of Report ***

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