

Test Report

No. CANEC2210994104

Date: 01 Jun 2022

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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

Allie Chen

Allie Chen
 Approved Signatory

scan to see the report



EC58DAB9



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.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
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
Diocetyl tin (DOT) by weight of Tin	0.1	%(w/w)	0.01	ND
Comment				PASS

European Regulation POPs (EU) 2019/1021– Alkanes C₁₀~C₁₃, chloro (short chain-chlorinated paraffins) (SCCPs)

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

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
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.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
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.

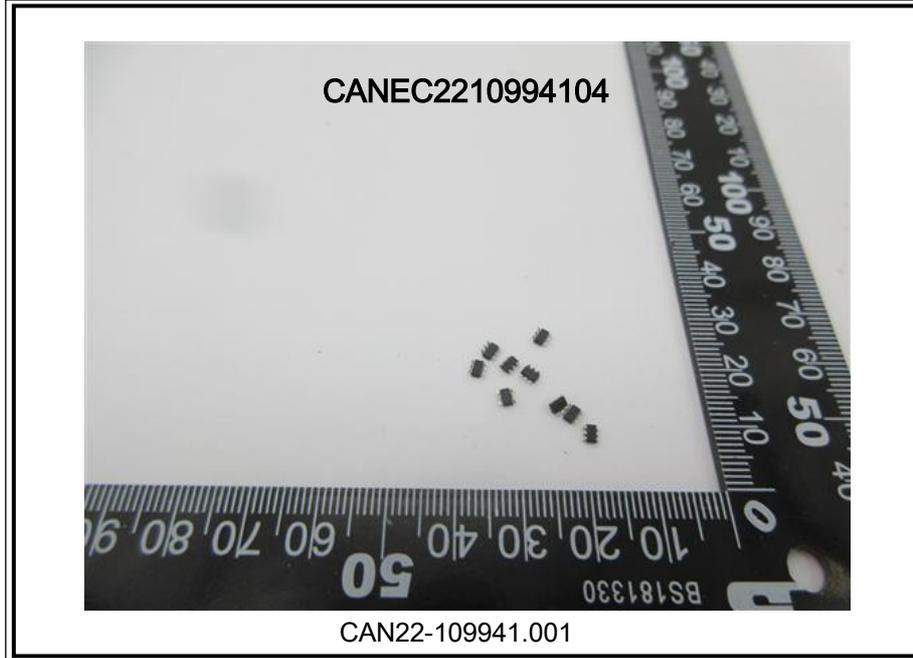
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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Sample photo:



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*** End of Report ***

