

Test Report

No. CANEC2203583917

Date: 14 Apr 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 : SOT-223

Model No. : SOT-223

Client Ref. Info. : SOT-23/23-3/23-5/23-6/89-5/89/143/143R/153/163/323/343/343R/353/363/
523/563/723/923/353/363/883,SOP4/8/14/16/18/20/24,TSSOP8/14/16/18/20/
24,DFN/PDFN/QFN,SOD106/123/123F/123FL/123FH/323/323F/323FL/523/
723/882/923,DO15/27/34/35/41/123AB/201AD,TO92/126/220/220AB/220MF/
220F/247/251/252/263/277,LL34/41/43/51,SMA/SMAF/SMB/SMBF/SMC,
0402/0603/0805/1206,R1/3/6,DIP,1N/1Z,SC59/75,ABF/ABS/LBF/DBS/DBJ/
DFS/KBL/GBL/GBJ/GBP/MBS/MSB/MLP/MDS/MBF/TWB/MB/TSB/WOB/
WOG/KBP/KBU/KBPC/TS4B/RB-5

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

This report is to supersede test report CANEC2203583905

SGS Job No. : CP22-008610 - SZ

Date of Sample Received : 09 Mar 2022

Testing Period : 09 Mar 2022 - 15 Mar 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).

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

Zmguan

Zm guan
Approved Signatory

scan to see the report



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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN22-035839.002	"SOT-223"(mixed)

Remarks :

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

Halogen

Test Method : With reference to EN 14582:2016, analysis was performed by IC.

Test Item(s)	Unit	MDL	002
Fluorine (F)	mg/kg	50	ND
Chlorine (Cl)	mg/kg	50	ND
Bromine (Br)	mg/kg	50	ND
Iodine (I)	mg/kg	50	ND

Elementary Analysis

Test Method : SGS In-house method (GZTC CHEM-TOP-004-01, with reference to EPA 3052:1996), analysis was performed by ICP-OES.

Test Item(s)	Unit	MDL	002
Antimony (Sb)	mg/kg	10	ND
Arsenic (As)	mg/kg	10	ND
Beryllium (Be)	mg/kg	5	ND

Remark 1: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.

Remark 2: Results & photo(s) of this report refer to test report CANEC2203583916.

This report updates Client Name, Client Address.



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.

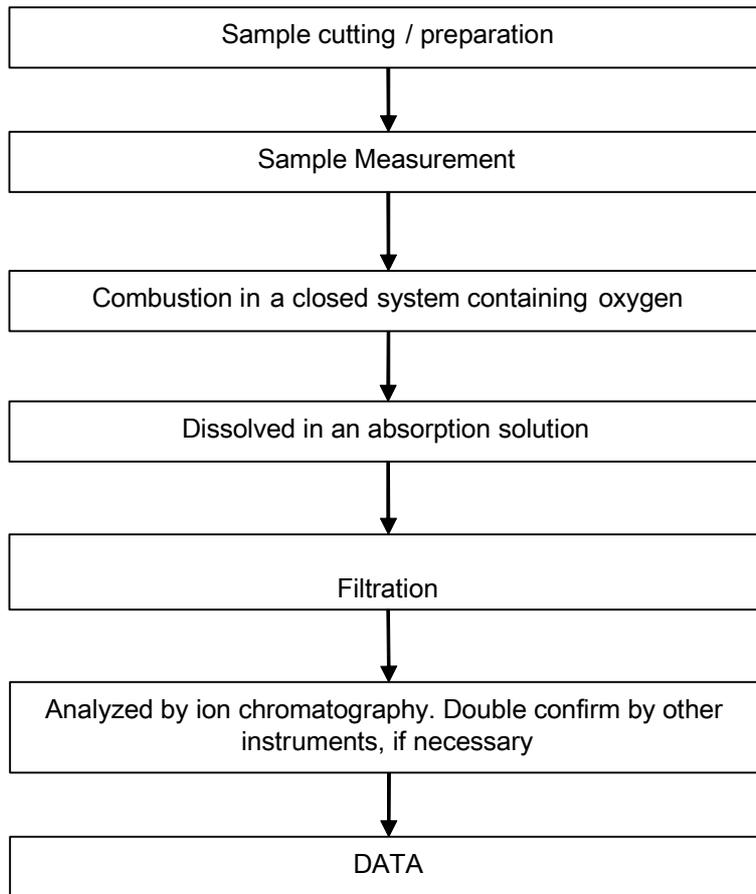


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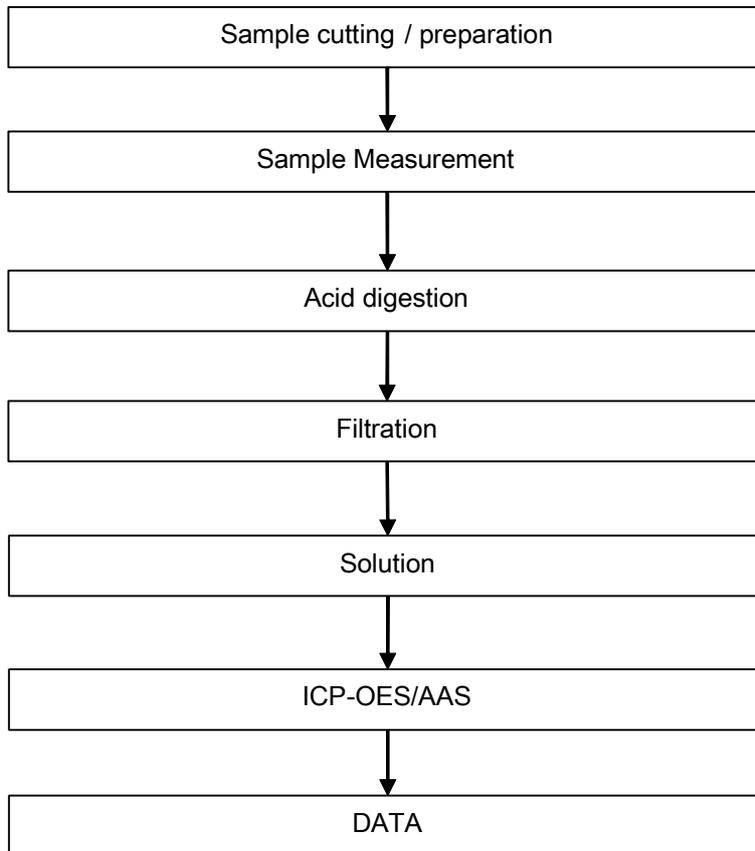
ATTACHMENTS

Halogen Testing Flow Chart

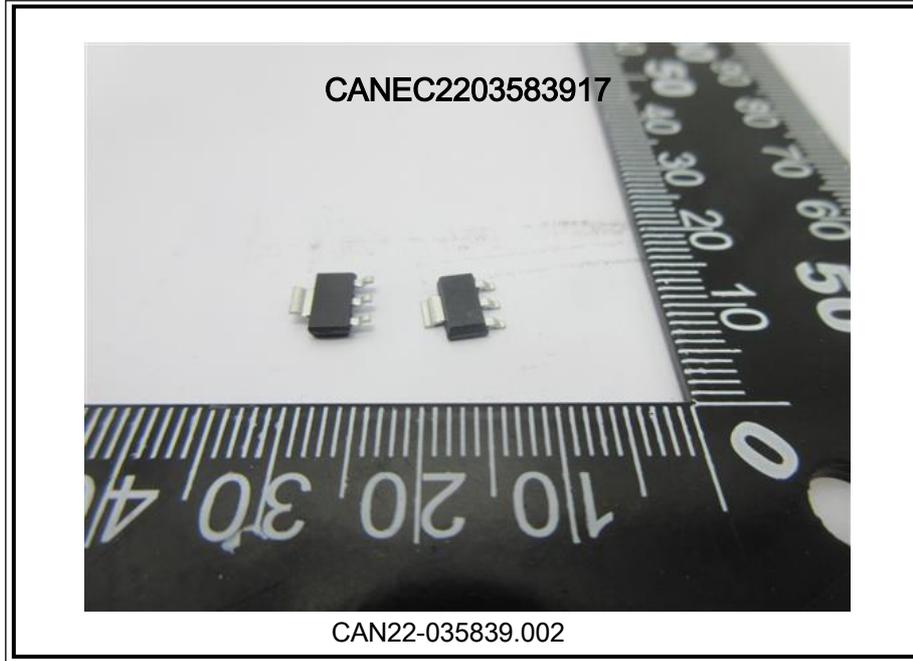


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Elementary Testing Flow Chart



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

