

Test Report

No. CANEC1101483703

Date: 27 Apr 2011

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SHEN ZHEN HAOPIN MICROELECTRONIC .,LTD
ROOM 1906,ZHONGSHEN BUILDING,NO.7003,BEIHUAN ROAD,FUTIAN DISTRICT,SHENZHEN
CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as :
TRIACS(SCRS)

SGS Job No. : 13076602 - SZ
Tested Sample Information : TO-220
Client Ref. Information : Halogen Free TO-220,TO-92,TO-126,TO-202,TO-3P,TO-252,TO-251,
SOT-82 , SOT-23,SOF-223,TO-126F,TO-92MOD,TO-263,TO-220F,
DPAK,IPAK,D2PAK,TO-220AB,DO-35,DO-41,DO-201
SMA,SMB,SMC,TRANSISTOR DIODE
SGS Internal Reference No. : 4.3
Date of Sample Received : 21 Apr 2011
Testing Period : 21 Apr 2011 - 26 Apr 2011
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Ltd.



Alpher Qiu
Approved Signatory

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Test Results:

ID for specimen 1 : CAN11-014837.004
Description for specimen 1 : Black body w/ silver-white metal(mixed)

Halogen

Test Item(s)	Unit	Test Method (Reference)	Result	MDL
Fluorine (F)	mg/kg	BS EN 14582:2007, IC	N.D.	50
Chlorine (Cl)	mg/kg	BS EN 14582:2007, IC	N.D.	50
Bromine (Br)	mg/kg	BS EN 14582:2007, IC	N.D.	50
Iodine (I)	mg/kg	BS EN 14582:2007, IC	N.D.	50

Note:

1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

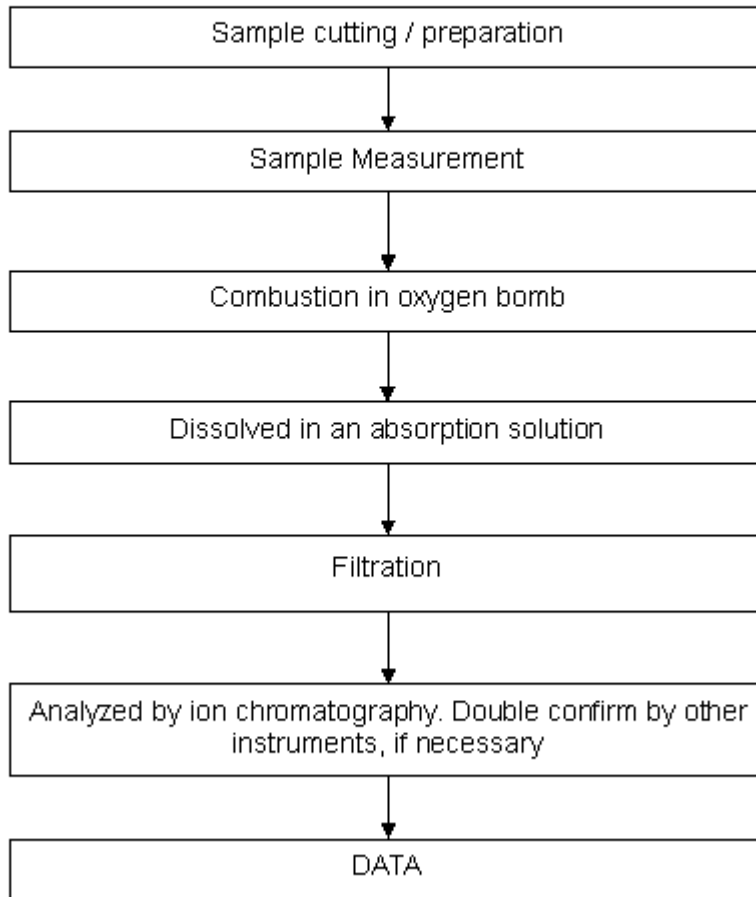
Remark : The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.

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ATTACHMENTS

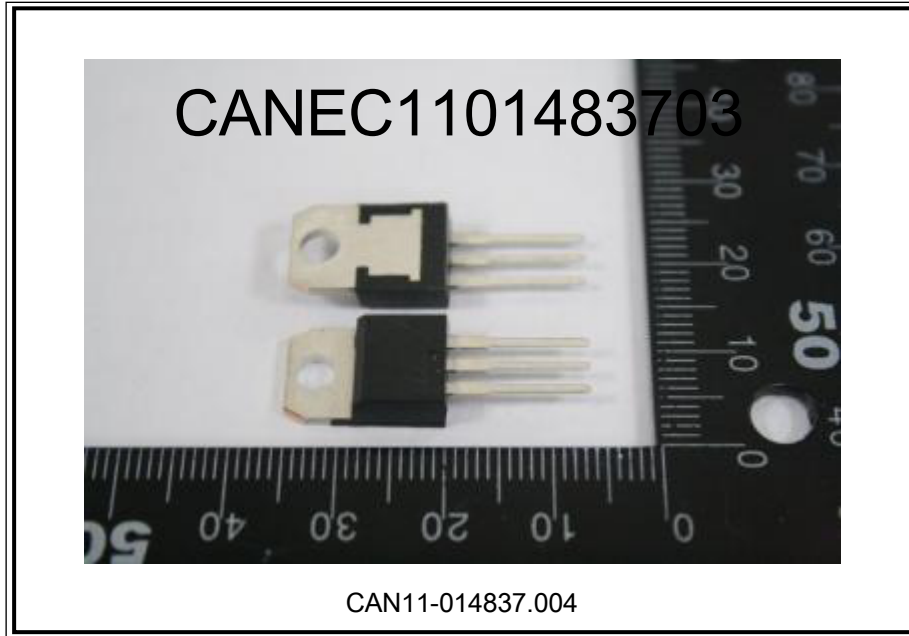
Halogen Testing Flow Chart

- 1) Name of the person who made testing: Liang Wang
- 2) Name of the person in charge of testing: Michelle Song



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Sample photo:



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

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