

## **Test Report**

No: 10536497(1a) A1

Date: 27-Apr-2022

Page 1 of 4

GLOBALFOUNDRIES Singapore Pte Ltd 60 Woodlands Industrial Park D Street 2 Singapore 738406

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Name	:	One (1) 300mm die-patterned wafer
Technode	:	40nm/45nm/55nm/65nm
Fab	:	7

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

Sample Receiving Date Testing Period	:	14-Apr-2022 14-Apr-2022 to 27-Apr-2022
Test Result(s)	:	Please refer to next page(s).

Signed for and on behalf of SGS Testing & Control Services Singapore Pte Ltd

Y.C. Tham Technical Manager, Multi-Lab



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No: 10536497(1a) A1

Date: 27-Apr-2022

Page 2 of 4

## Test Result(s):

Sample Description : Wafer

Test Item(s):	Unit	Method	Results	MDL
Halogen				
Halogen - Bromine (Br)	mg/kg	With reference to BS EN 14582. Analysis was performed by IC	n.d.	50
Halogen - Chlorine (Cl)	mg/kg	With reference to BS EN 14582. Analysis was performed by IC	n.d.	50
Halogen - Fluorine (F)	mg/kg	With reference to BS EN 14582. Analysis was performed by IC	n.d.	50
Halogen - Iodine (I)	mg/kg	With reference to BS EN 14582. Analysis was performed by IC	n.d.	50

Note: (1) mg/kg = ppm ; 0.1wt% = 1000ppm

(2) n.d.= Not Detected

(3) MDL = Method Detection Limit

Lab Analyst(s): Jonathan

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No: 10536497(1a) A1

Date: 27-Apr-2022

Page 3 of 4

Sample photo: Sample Description :

Wafer

SGS authenticate the photo on original report only



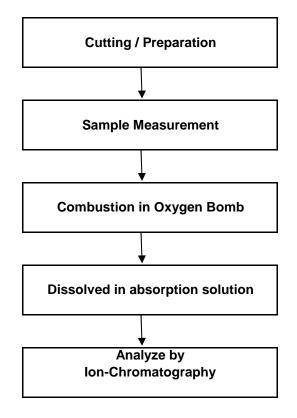
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## Process Flow of BS EN 14582 (Halogen Analysis)



\*\*\*End of Report\*\*\*

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