

## Test Report

No: 10536496(1a) A1

Date: 27-Apr-2022

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

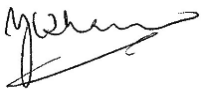
Sample Name : One (1) 300mm die-patterned wafer  
Technode : 0.11um/0.13um/0.13um 8SW/90nm  
Fab : 7

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

Sample Receiving Date : 14-Apr-2022  
Testing Period : 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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**Test Result(s):**

Sample Description : Wafer

Test Item(s):	Unit	Method	Results	MDL
<b>Halogen</b>				
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

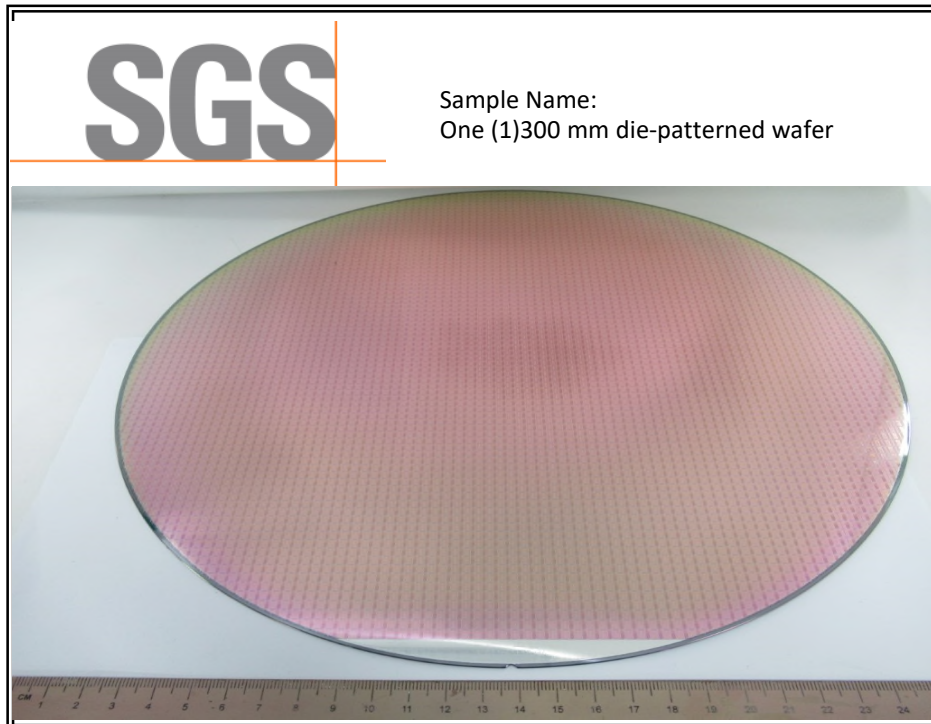
Lab Analyst(s): Jonathan

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**Sample photo:**

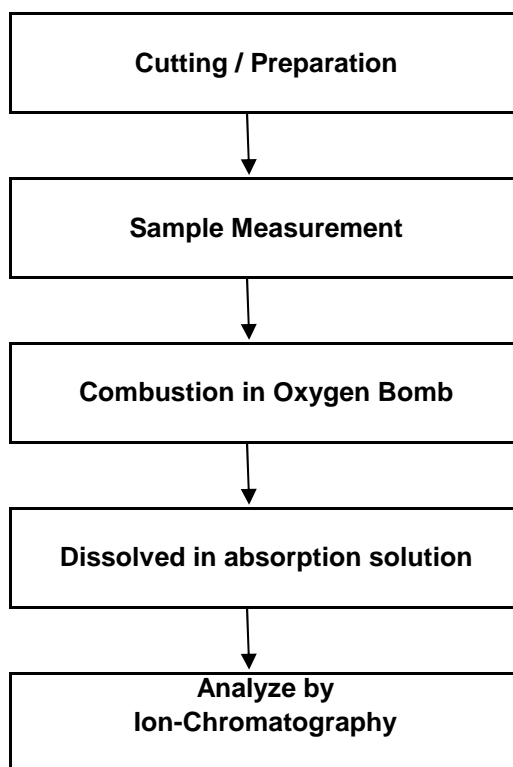
Sample Description : Wafer

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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