

Test Report

No. 6592648-04

Date: 30/MAY/2023

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Globalfoundries Dresden
 Module One LLC & Co. KG
 Ms. Hermanns
 Wilschdorfer Landstrasse 101
 01109 Dresden
 GERMANY

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

SGS Job file : 6592648
 Order date : 26/APR/2023
 Order number : 813003908740 from 09/JAN/2023
 Sample receiving date : 02/MAY/2023
 Sampling : by client or by a third party acting at the client's direction
 Condition of the samples : appropriate for testing
 Testing period : 02/MAY/2023 – 30/MAY/2023
 Analytical scope : according to client's requirements


Sample No.	Sample designation	Sample material
230168262	Fab 1 300mm die patterned wafer, Tech Node 40nm	Wafer


Applied analytical technique

Test Method : Analysis according to BS EN 14582:2016, ion chromatography (cooperation with SGS Asia)

Test Results: please refer to next page(s).

SGS INSTITUT FRESENIUS GmbH

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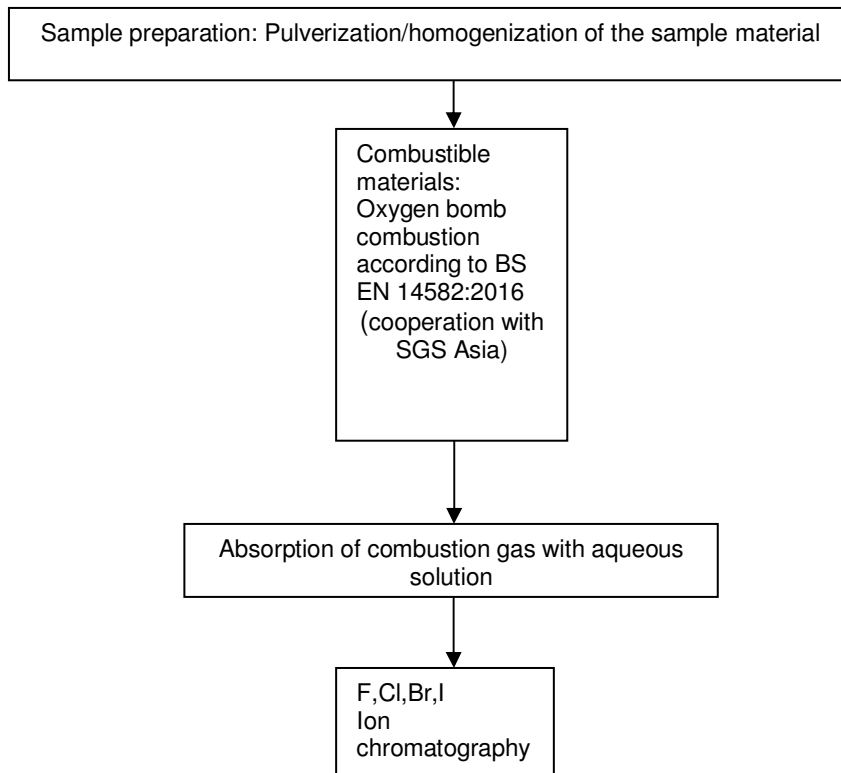
Globalfoundries Dresden
 Module One LLC & Co. KG
 Wilschdorfer Landstrasse 101
 01109 Dresden
 GERMANY

Test results

Test Item(s):	Results Sample 230438044	RL
Fluorine (F)	n.d.	50
Chlorine (Cl)	n.d.	50
Bromine (Br)	n.d.	50
Iodine (I)	n.d.	50

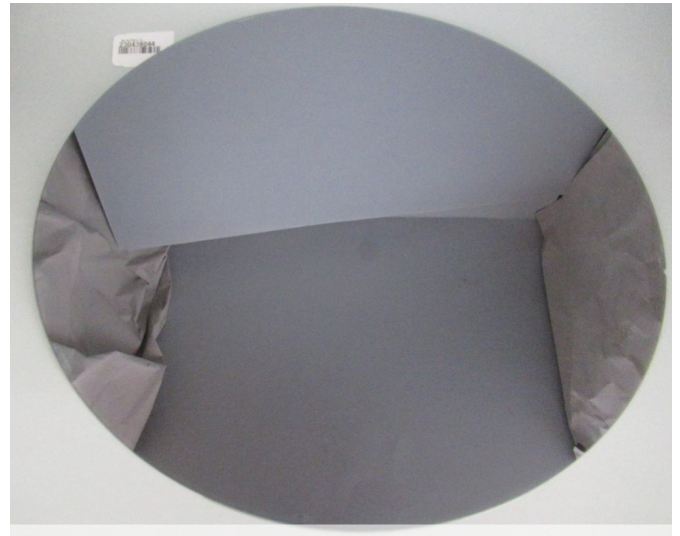
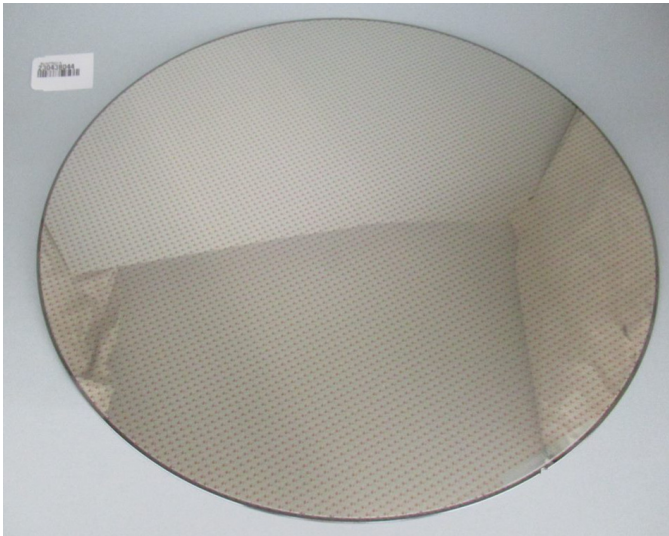
Note: mg/kg = ppm n.d.= not detected RL = Report Limit n.a.= not analyzed (**)=elevated reporting limit due to sample matrix

Flow Chart for the working flow of the analysis: Halogenes



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Sample Photo(s)



End of Report

The test results refer exclusively to the examined test items and the date of the test under the test specifications. Written acknowledgement for publication and duplication of our analytical reports for promotional purpose, as well as fractional use for other purposes are mandatory. Numbers following „<“ represent limits of quantification. Determination of parameters marked with * was performed with a cooperation partner.

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Note: The sample(s) to which the findings recorded herein (the "findings") relate was (were) probably drawn and / or provided by the client or by a third party acting at the client's direction. In this case the findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

We would like to point out that measurement uncertainties are not taken into account for conclusions. On request, we can provide measurement uncertainties and take them into account for conclusions upon consultation.