

Test Report

No. SHAEC1901208104

Date: 28 Jan 2019

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SHANGHAI HUAHONG GRACE SEMICONDUCTOR MANUFACTURING CORPORATION
288 HALEI ROAD,ZHANGJIANG HI-TECH PARK,SHANGHAI,P.R.CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : HHGRACE ALUMINUM PROCESS FINISHED 8 INCH WAFER-CMOS Without Co

SGS Job No. : SP19-001059 - SH
Date of Sample Received : 17 Jan 2019
Testing Period : 17 Jan 2019 - 25 Jan 2019
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 Standards Technical Services (Shanghai) Co., Ltd.

Helen Liu

Helen Liu
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA19-012081.002	Colorful silicon wafer

Remarks :

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

Element(s)

Test Method : SGS in house method (SHTC- CHEM- SOP -50-T), analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Antimony (Sb)	mg/kg	10	ND



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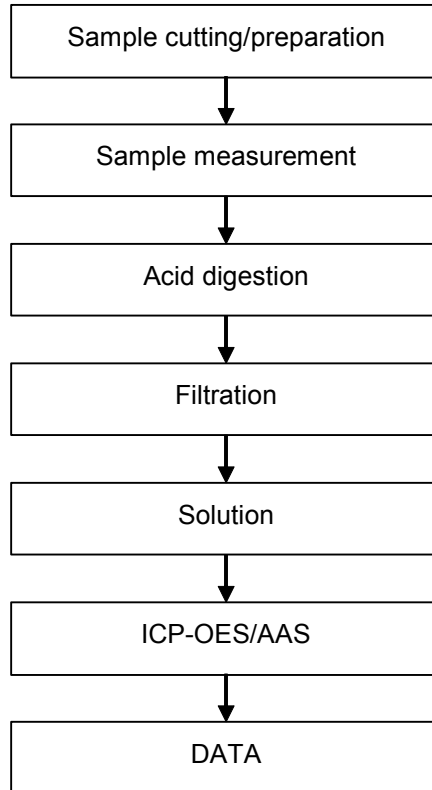
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ATTACHMENTS

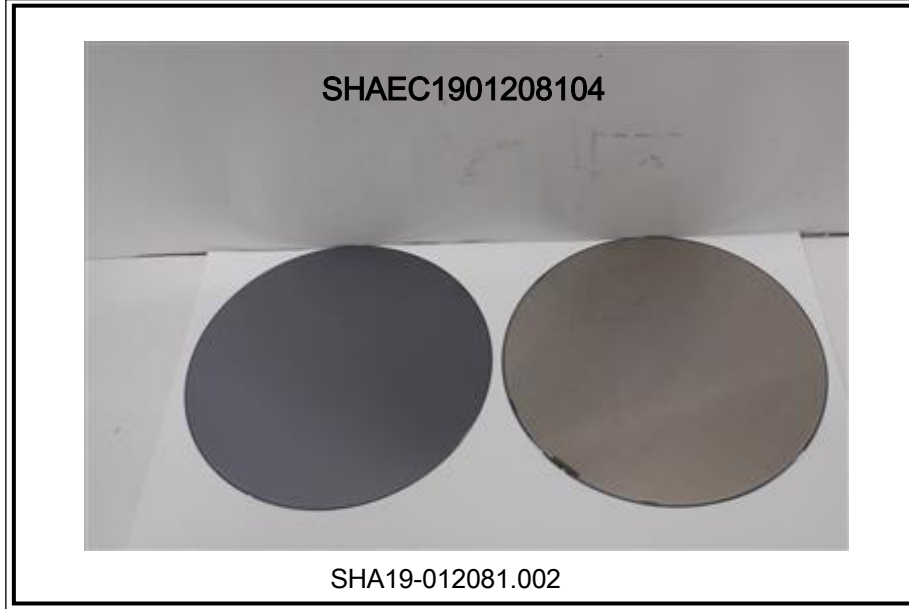
Elements Testing Flow Chart



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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