

Test Report

No.: SHAPH23009110601

Date: Jul 06, 2023

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Client Name: Jiangsu Sinonic Precision Alloy Technology Co.,Ltd

Client Address: Environment protection and Science Technology Industry Park Lvyuan Road Yixing
China

Sample Name: Ni

Material and Mark: N6

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

SGS Job No.: SHIN2306004828PL01

Sample Receiving Date: Jun 28, 2023

Testing Period: Jun 28, 2023 ~ Jul 06, 2023

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Lilac Wei
Approved Signatory

scan to see the report



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Test Result(s):

Test Part Description

SN ID	Sample No.	SGS Sample ID	Description
SN1	001	SHA23-0091106-0001.C001	Silver metal parts

Remarks:

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

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium and Hexavalent chromium

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013 and IEC 62321-7-1:2015, analysis was performed by ICP-OES,AAS and UV-Vis .

Test Item(s)	Limit	Unit(s)	MDL	001
Cadmium(Cd)	100	mg/kg	2	ND
Lead(Pb)	1000	mg/kg	2	ND
Mercury(Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	-	µg/cm ²	0.10	ND

Notes:

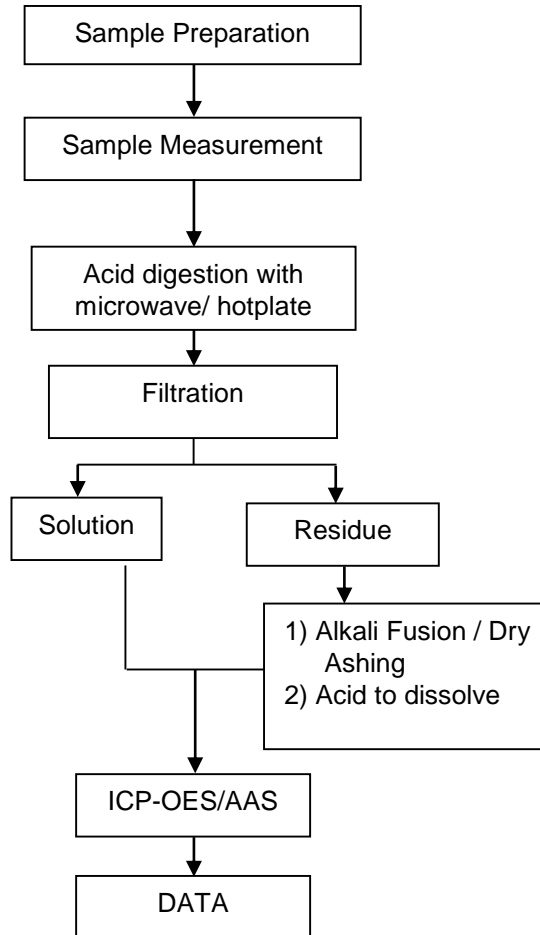
- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) =
 - a. The sample is positive for Cr(VI) if the Cr(VI)concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI)
 - b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating
 - c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive-unavoidable coating variations may influence the determination.

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

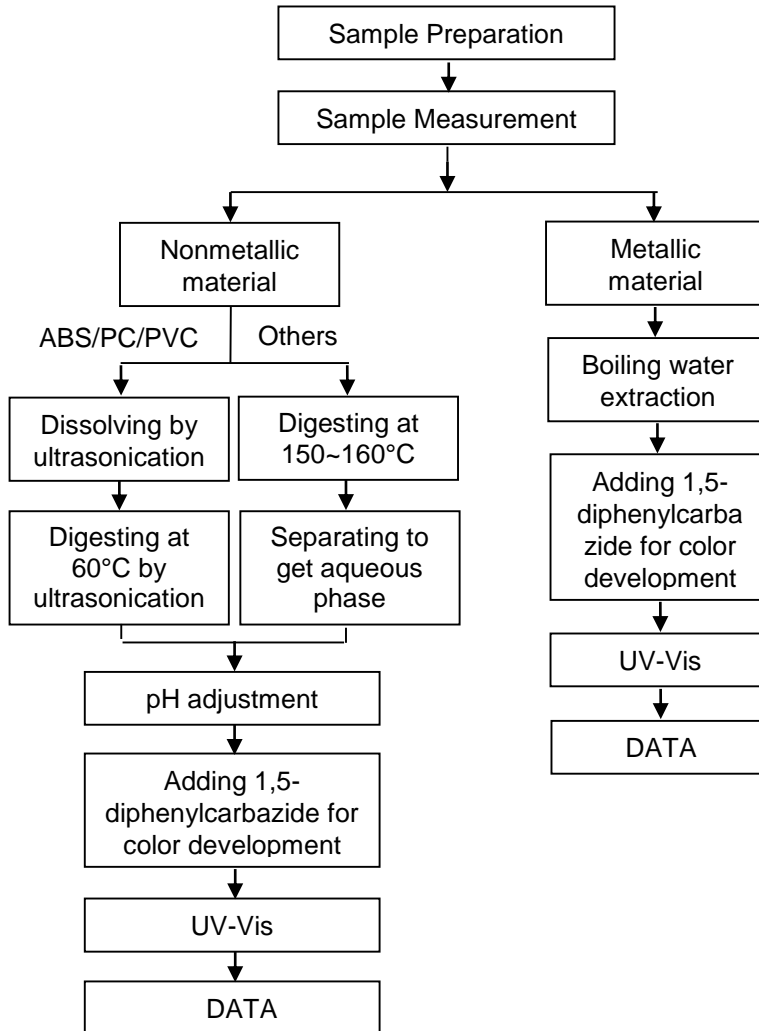
Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.



ATTACHMENTS

Hexavalent Chromium (Cr(VI)) Testing Flow Chart



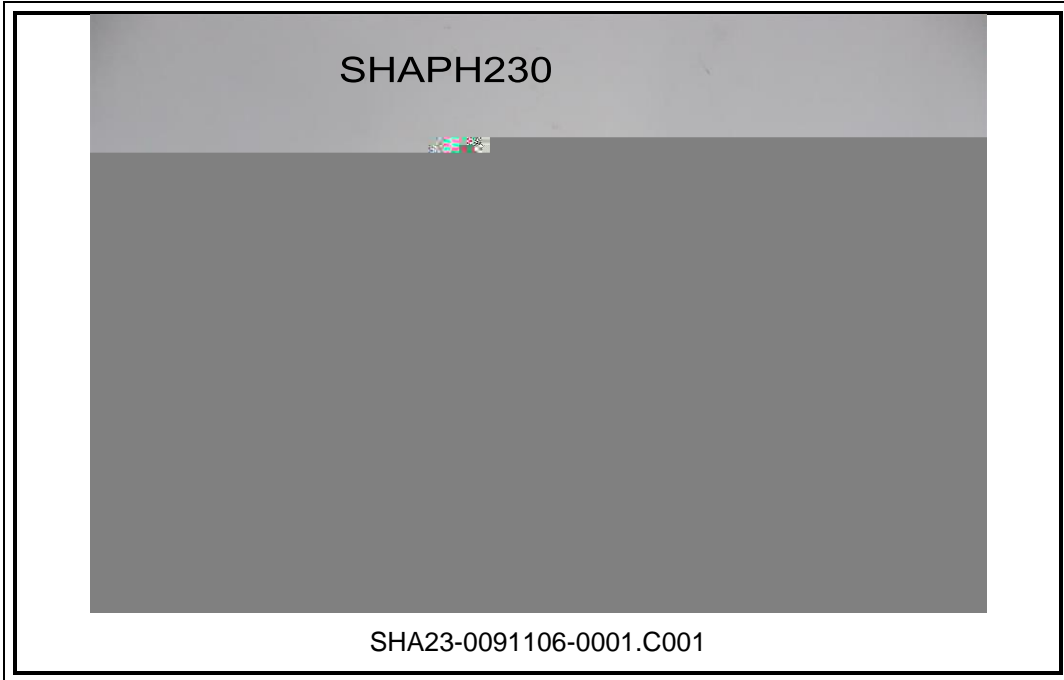
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Sample Photo:



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