

Test Report

No.: SHAPH22002429609

Date: Oct 17, 2022

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Client name : Hansin Precision Engineering (Shanghai) Co., Ltd
Client address : No. 529 Block 2 Dongkai Road Dongjing Town Songjiang District Shanghai China
201619

Sample Name : Stainless steel 304
Manufacturer : Zhejiang Qingshan Stainless Steel Co. LTD
Buyer : Sichuan Xingyan Metal Material Processing Co. LTD
Product Specification : Rod

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

SGS Job No. : SHPL2210005417PC
Sample Receiving Date : Oct 12, 2022
Testing Period : Oct 12, 2022 to Oct 14, 2022
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.

Mindy Yu

Mindy Yu

Approved Signatory

scan to see the report



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Testing Center - Client's Laboratory

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Test Results:

Test Part Description:

SN ID	Sample No	SGS Sample ID	Description
SN1	5	SHA22-0024296-0001.C005	Silvery metal piece

Remarks:

- (1) 1 mg/kg = 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	Units	MDL	5
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/cm²	0.10	ND

Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. IEC 62321 series is equivalent to EN 62321 series
- (2) ▼ = a. The sample is positive for CrVI if the CrVI concentration is greater than 0.13 µg/cm². The sample coating is considered to contain CrVI.
b. The sample is negative for CrVI if CrVI is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-CrVI 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.



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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 ($\mu=0$) stated in ILAC-G8:09/2019.



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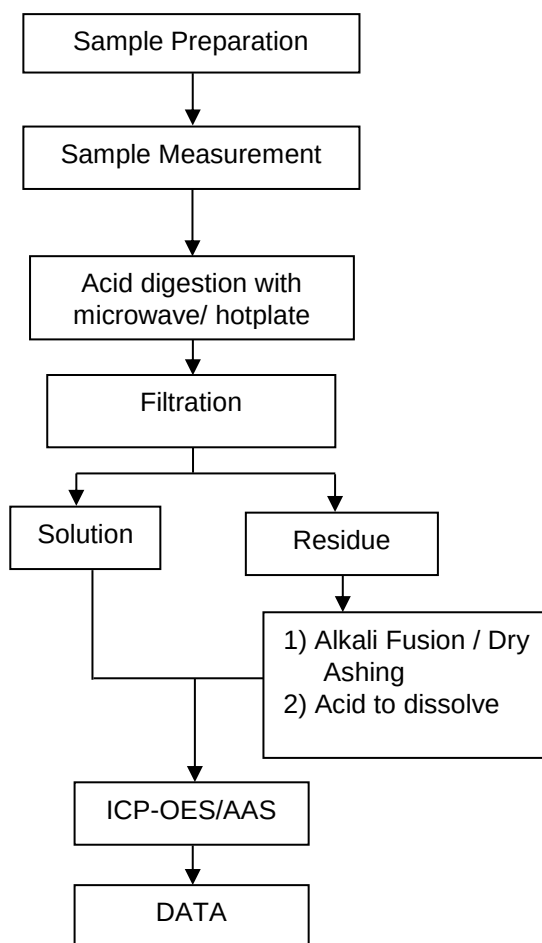
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Elements (IEC62321) Testing Flow Chart

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



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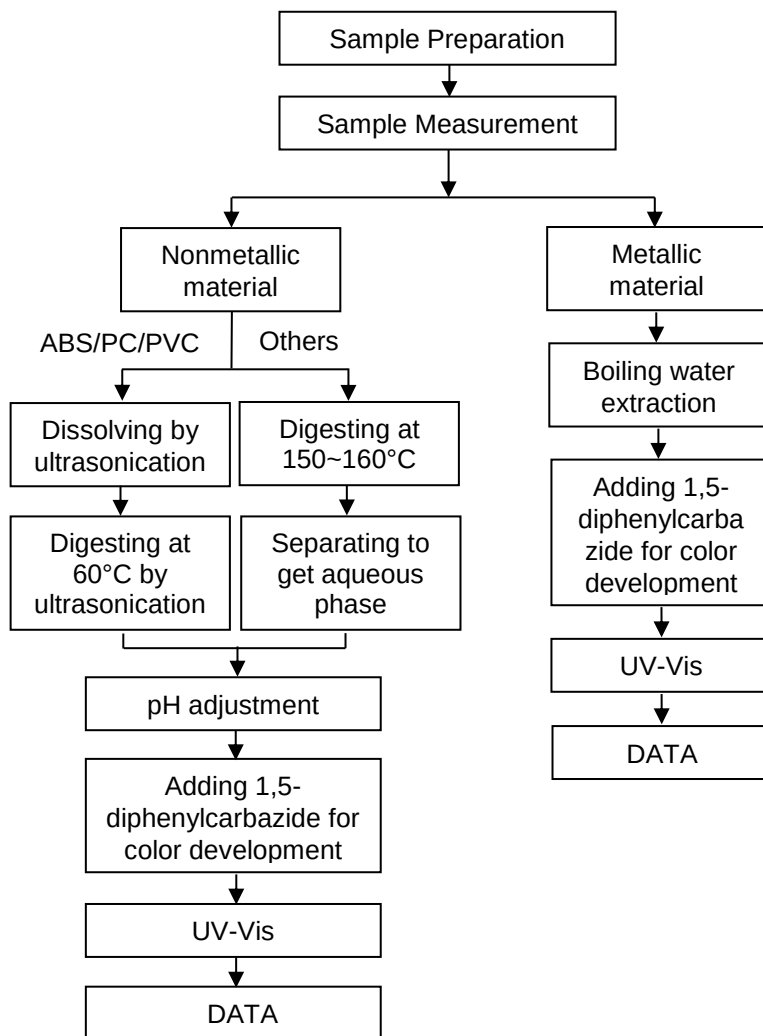
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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Sample Photo:



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