



220200340104



中国认可  
国际互认  
检测  
TESTING  
CNAS L2774

## Test Report

No. TSNML2203030401

Date: 28 Nov 2022

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Client Name : XUZHOU FORND INDUSTRIAL TECHNOLOGY CO.,LTD

Client Address : PRACTICE AREA, 1000 METERS SOUTH OF DAMIAO SUB-DISTRICT OFFICE, XUZHOU  
ECONOMIC DEVELOPMENT ZONE, JIANGSU PROVINCE

Sample Name : Safety lock

Manufacturer : XUZHOU FORND INDUSTRIAL TECHNOLOGY CO.,LTD

Material : STAINLESS STEEL 304

Specification : D4-1418-001-A1L

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

SGS Job No. : TJPL2211002162PC - TJ

Date of Sample Received : 23 Nov 2022

Testing Period : 23 Nov 2022 - 28 Nov 2022

Test Requested : Selected 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).

Result Summary :

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

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

Reabeca Zhou  
Approved Signatory

scan to see the report



TSNML2203030401



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Test Result(s) :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	TSN22-030304.001	silver gray metal

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 62321-5:2013, IEC 62321-4:2013+AMD1:2017, IEC 62321-7-1:2015, analyzed by ICP-OES, AAS and UV-Vis.

Test Item(s)	Limit	Unit	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 <sup>2</sup>	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 CrVI if the CrVI concentration is greater than 0.13 µg/cm<sup>2</sup>. 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/cm<sup>2</sup>). The coating is considered a non-CrVI based coating
  - c. The result between 0.10 µg/cm<sup>2</sup> and 0.13 µg/cm<sup>2</sup> 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.

The report is the English version of another report (Report No.TSNML2203030402) , if any discrepancy between Chinese version and English version , the Chinese version shall prevail.

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.

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**Test Report**

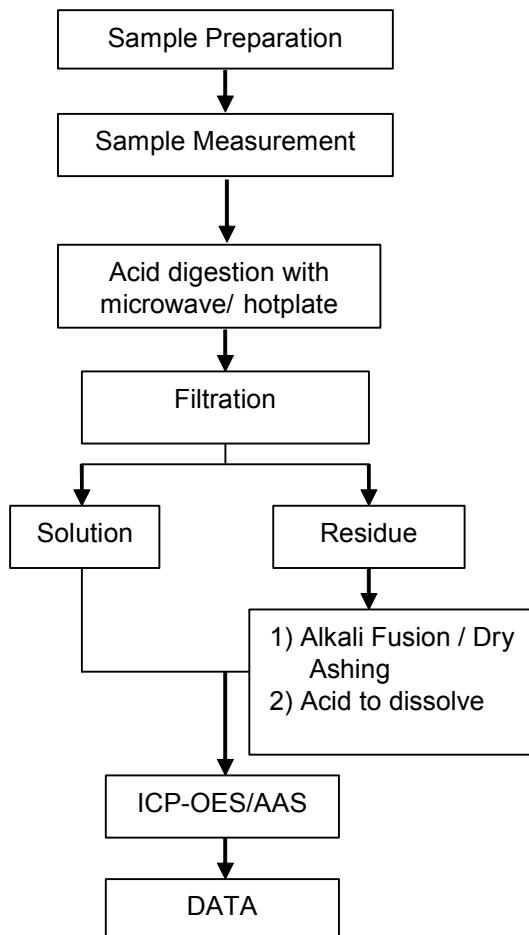
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**ATTACHMENTS****Elements (IEC62321) Testing Flow Chart**

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



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## Test Report

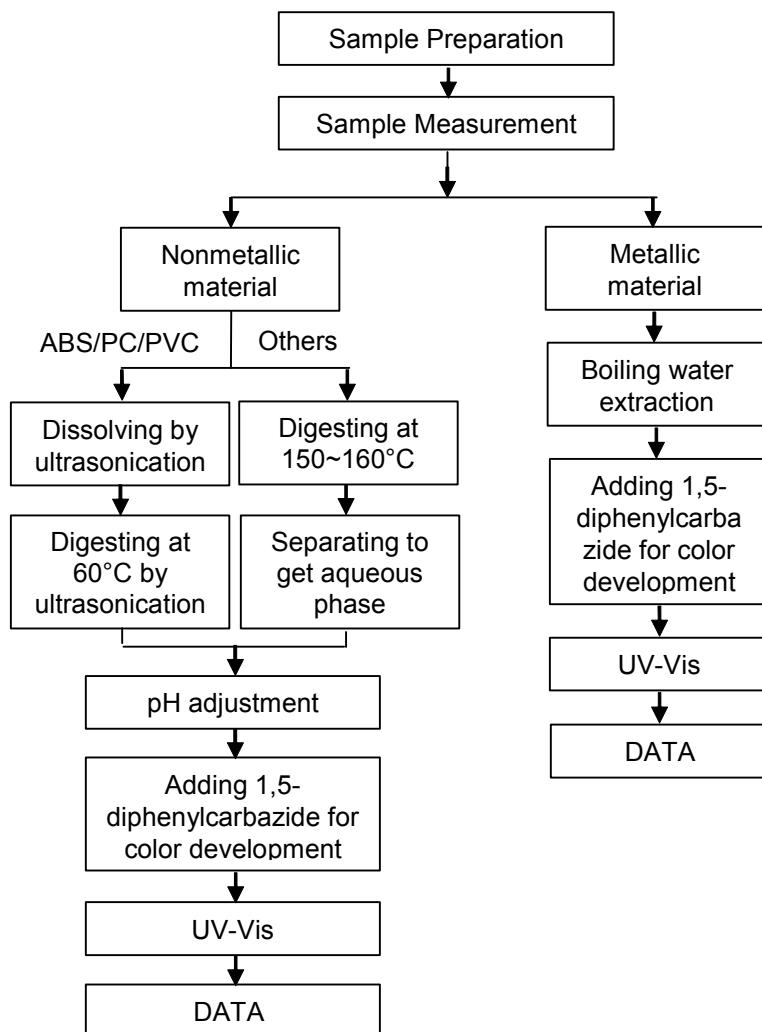
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## ATTACHMENTS

## Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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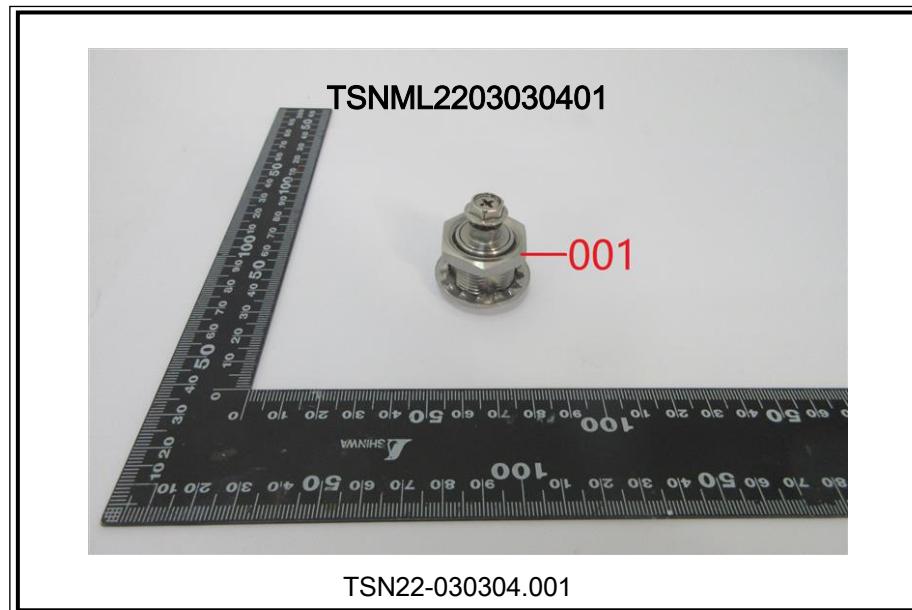
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Sample photo:



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