

# Test Report

**Report No.** A2180006478102001  
**Applicant** SAMSUNG PRECISION STAINLESS STEEL(PING HU)CO.,LTD  
**Address** 2318 XINMING ROAD PINGHU CITY ZHEJIANG,CHINA(314200)

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

**Sample Name** Stainless steel  
**Part No.** 304  
**Sample Received Date** Jan. 16, 2018  
**Testing Period** Jan. 16, 2018 to Jan. 18, 2018

**Test Requested** As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)) in the submitted sample(s).

**Test Method** Please refer to the following page(s).

**Test Result(s)** Please refer to the following page(s).

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**Conclusion**

Tested Sample	According to directive	Result
Submitted Sample	RoHS Directive 2011/65/EU	Pass

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Pass means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU.



Tested by Peihong Wang

Approved by Lin Zhang

Lin Zhang  
Technical Manager

Reviewed by Sha chen

Date Jan. 18, 2018

No. R138201604

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**Test Method**

Test Item(s)	Test Method	Measured Equipment(s)
Lead(Pb)	IEC 62321-5:2013	ICP-OES
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES
Mercury(Hg)	IEC 62321-4:2013	ICP-OES
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015	UV-Vis

**Test Result(s)**

Tested Item(s)	Result	MDL	Limit
Lead(Pb)	N.D.	2 mg/kg	1000 mg/kg
Cadmium(Cd)	N.D.	2 mg/kg	100 mg/kg
Mercury(Hg)	N.D.	2 mg/kg	1000 mg/kg
Hexavalent Chromium(Cr(VI))	N.D. ▼	0.10 µg/cm <sup>2</sup> (LOQ)	1000 mg/kg

**Tested Sample/Part Description** Silvery metal

**Remark:** The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL or LOQ)

-mg/kg = ppm = parts per million

-1000 mg/kg = 0.1%

-LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 µg/cm<sup>2</sup>

-▼The sample is negative for Cr(VI) – The Cr(VI) concentration is below 0.10 µg/cm<sup>2</sup>. The coating is considered a non-Cr(VI) based coating.



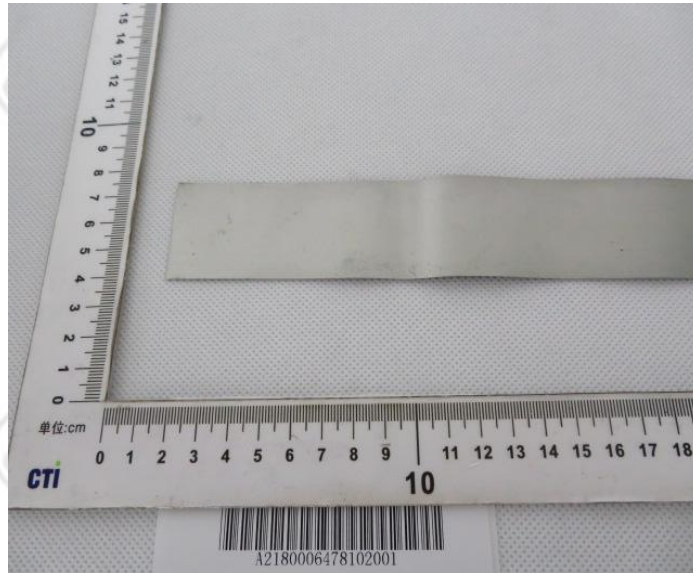


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## Photo(s) of the sample(s)



\*\*\* End of report \*\*\*

### Statement:

1. This report is considered invalidated without approval signature, special seal and the seal on the perforation;
2. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full;
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

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