

Test Report No. NGBML1503562501 Date: 21 Sep 2015 Page 1 of 5

WENZHOU SUNLAST METAL PRODUCTS CO.,LTD.

NO.364-370 HUANGZHONG VILLAGE, LONGGANG TOWN, CANGNAN COUNTY.

The following sample(s) was/were submitted and identified on behalf of the clients as: PIN BADGE

NBIN1509008278PC - NB SGS Job No.:

**Product Specification:** OEM

WENZHOU SUNLAST METAL PRODUCTS CO.,LTD. Manufacturer:

Client Ref. Information: 1.CAR STICKER 2.METAL SIGN 3.DOG TAG 4.MOBILE CHAIN/KEYCHAIN

> 5.STICKER CENTER CAPS WHEEL 6.CAR LICENSE PLATE 7.METAL WINE LABEL 8.FRIDGE MAGNET 9.PIN BADGE 10.METAL TIN SIGN 12.METAL

**LUGGAGE TAGS** 

15 Sep 2015 Date of Sample Received:

Testing Period: 15 Sep 2015 - 21 Sep 2015

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 Co., Ltd. Ningbo Branch

Iris Xiao

Approved Signatory



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Test Results:

### Test Part Description:

Specimen No.	SGS Sample ID	Description		
SN1	NGB15-035625.001	SILVERY METAL BODY PART		
CNS	NGR15 035625 002	SILVEDV METAL DADT		

#### Remarks:

(1) 1 mg/kg = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected ( < MDL )

(4) "-" = Not Regulated

### RoHS Directive 2011/65/EU

Test Method: (1) With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.

(2) With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.

(3) With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.

(4) With reference to IEC 62321:2008, determination of Hexavalent Chromium by spot test / Colorimetric Method using UV-Vis.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
Cadmium (Cd)	100	mg/kg	2	ND	ND
Lead (Pb)	1000	mg/kg	2	ND	ND
Mercury (Hg)	1000	mg/kg	2	ND	ND
Hexavalent Chromium (CrVI)	_	-	$\Diamond$	Negative	Negative

#### Notes:

- (1) The maximum permissible limit is quoted from directive 2011/65/EU, Annex II
- (2) ♦Spot-test:

Negative = Absence of Cr(VI) coating, Positive = Presence of Cr(VI) coating;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result is Negative or cannot be confirmed.)

◇Boiling-water-extraction:

Negative = Absence of Cr(VI) coating

Positive = Presence of Cr(VI) coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm<sup>2</sup> sample surface area.

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



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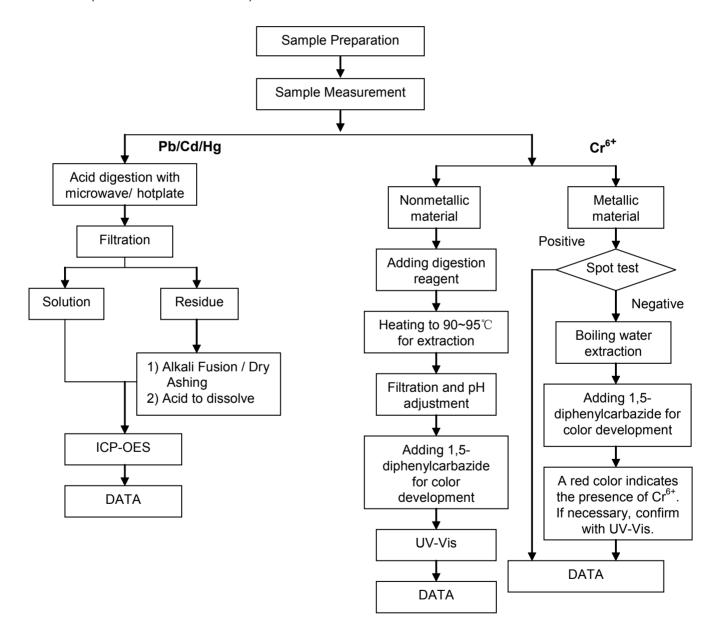
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### **ATTACHMENTS**

## **RoHS Testing Flow Chart**

Date: 21 Sep 2015

- 1) Name of the person who made testing: Martin Ding
- 2) Name of the person in charge of testing: Peter Xi
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr<sup>6+</sup> test method excluded)





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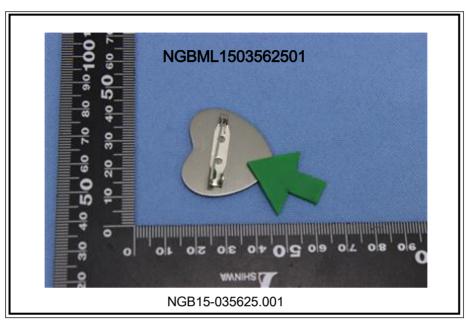


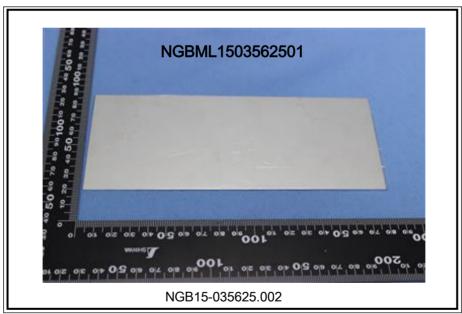
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Sample photo:







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