



## TEST REPORT

No. : TJIN1706007145ML-01

Date : Jun 16, 2017

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This Report cancels and supersedes the Report No. TJIN1706007145,ML dated Jun 13, 2017 issued by SGS Tianjin Materials Lab.

CUSTOMER NAME:

ADDRESS:

Sample Name : Galvalume steel sheet  
Product Specification : 0.3mm  
ot No. : CFR20170418CC  
Manufacturer : Liaocheng Tongyun Industry Co., Ltd  
Material and Mark : SGCH

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Quantity : 1  
Date of Receipt : Jun 02, 2017  
Testing Start Date : Jun 02, 2017  
Testing End Date : Jun 16, 2017  
Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services(Tianjin) Co., Ltd

Kevin Zhou  
Authorized signatory



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Materials Laboratory

Building C-11, No.80, Haiyun Street, TEDA, Tianjin, China 300457 t (86-22) 5999 5008 f (86-22) 5999 5016 www.sgsgroup.com.cn  
中国·天津·经济技术开发区海云街80号C-11厂房 邮编: 300457 t (86-22) 5999 5008 f (86-22) 5999 5016 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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1. Test Item: Chemical Composition Analysis

Test Method: ICP

Element	B
Result ,%	0.0010

Note: The above test was carried out by an external laboratory assessed as competent.

2. Test Item: Weight of Coating Test(Both-sides)

Test Method: JIS H0401:2013

Sample	Weight of Coating (g/m <sup>2</sup> )			Average (g/m <sup>2</sup> )
1	91	86	91	89

3. Test item: Coating Chemical Composition Analysis

Test method: SEM-EDS

Observing the sample surface by the SEM (scanning electron microscope), and taking qualitative analysis and semi-quantitative analysis using EDS (energy dispersive spectrum), test results and spectrums are listed below.

Element	Zn	Al	Note
Result,(wt)%	44.47	55.53	Refer to Fig.1

Note: The above test was carried out by an external laboratory assessed as competent.



SGS-CSTC Inspection & Testing Services (Tianjin) Co., Ltd.  
Materials Laboratory

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中国·天津·经济技术开发区海云街80号C-11厂房 邮编: 300457 t (86-22) 5999 5008 f (86-22) 5999 5016 e sgs.china@sgs.com

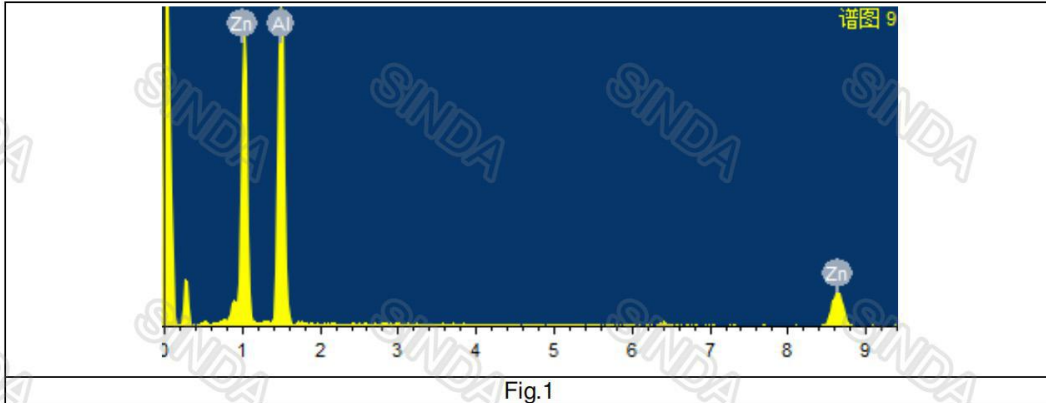
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#### 4. Test item: Thickness test

Test standard: Provided by client

No	Test item	Nominal value	Measure result	Test equipment
----	Thickness (mm)	0.30	0.277	Micrometer



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



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Materials Laboratory

Building C-11, No.80, Haiyun Street, TEDA, Tianjin, China 300457 t (86-22) 5999 5008 f (86-22) 5999 5016 www.sgsgroup.com.cn  
中国·天津·经济技术开发区海云街80号C-11厂房 邮编: 300457 t (86-22) 5999 5008 f (86-22) 5999 5016 e sgs.china@sgs.com

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