

TEST REPORT

No. : TJIN2205004946ML

Date : May 19, 2022

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scan to see the report



TJIN2205004946ML

CUSTOMER NAME: SHANDONG PUXIN STEEL CO., LTD
ADDRESS: C08, 21ST FLOOR, NO. 843, JINGQI ROAD, JINAN CITY,
SHANDONG PROVINC

Sample Name : Stainless steel
Product Specification : 1-2/ 1.5*100*100mm; 3-8/ 2*100*100mm
Material and Mark : 1-5/ ASTM A240-304; 6-8/ ASTM A240-316

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.

Date of Receipt : May 11, 2022
Testing Start Date : May 11, 2022
Testing End Date : May 19, 2022
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



SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.
Materials Laboratory

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1. Test Item: Chemical Composition Analysis

Test Method: OES

Element	C	Cr	Ni	Mo	Con.
Req, %	≤0.08	18.0-20.0	8.0-11.0	---	---
1-Result, %	0.05	18.6	8.0	0.15	Pass
2-Result, %	0.05	18.6	8.0	0.15	Pass
3-Result, %	0.04	18.4	8.0	<0.01	Pass
4-Result, %	0.04	18.4	8.0	<0.01	Pass
5-Result, %	0.04	18.3	8.0	<0.01	Pass

Note: The result of test elements specified by client comply with the requirement of ASTM A240/240M-19Type 304.

Element	C	Cr	Ni	Mo	Con.
Req, %	≤0.08	16.0-18.0	10.0-14.0	2.00-3.00	---
6-Result, %	0.03	16.9	10.1	2.01	Pass
7-Result, %	0.02	16.7	10.0	2.01	Pass
8-Result, %	0.02	17.0	10.1	2.00	Pass

Note: The result of test elements specified by client comply with the requirement of ASTM A240/240M-18Type 316.



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2. Test item: Roughness Test

Test Result:

Unit:μm

Sample No.	Measure results(Ra)				Test equipment
	Position 1	Position 2	Position 3	Position 4	
1	0.039	0.057	0.051	0.037	Roughmeter
2	0.037	0.046	0.042	0.048	Roughmeter

3. Test item: Dimension Test

Test results:

Unit:mm

No	Nominal value	Measure result	Test equipment
1	1.5	1.41	Micrometer
2	1.5	1.41	Micrometer
3	2.0	2.00	Micrometer
4	2.0	2.01	Micrometer
5	2.0	2.00	Micrometer
6	2.0	1.97	Micrometer
7	2.0	1.97	Micrometer
8	2.0	1.97	Micrometer

The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

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



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