

Test Report

No.: SHAEC24022118403

Date: Oct 08, 2024

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Client Name: FUJIAN YONGJIN METAL TECHNOLOGY CO.,LTD

Client Address: SHANGYANG VILLAGE,WANWU TOWN,FU AN FUJIAN PROVINCE

Sample Name: 304 STAINLESS STEEL COLD-ROLLED PLATE

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

SGS Job No.: SHP24-031646

Sample Receiving Date: Sep 26, 2024

Testing Period: Sep 26, 2024 ~ Oct 08, 2024

Test Requested: Select 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).

	Test Requirement	Comment
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, European Directorate for the Quality of Medicines & Healthcare (EDQM) - Technical Guide on Metals and alloys used in food contact materials and articles (2nd edition, 2024) - Extractable Heavy Metals	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test	Pass

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

Tom Ni

Tom Ni
Approved Signatory

scan to see the report



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A.C001	SHA24-0221184-0001.C001	Silvery metal	SUS304

Remarks:

- (1) mg/dm² = milligram per square decimeter
mg/inch² = milligram per square inches
μg/cm² = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
- (2) °C = degree Celsius
°F = degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, European Directorate for the Quality of Medicines & Healthcare (EDQM) - Technical Guide on Metals and alloys used in food contact materials and articles (2nd edition, 2024) - Extractable Heavy Metals

Test Method: With reference to EN 13130-1:2004, analysis was performed by ICP-OES and ICP-MS.

Simulant used:	Artificial tap water
Test condition:	100°C, 2 hrs
Area/Volume	6.0dm ² /kg

Test Item(s)	Unit(s)	RL	(1 st +2 nd) Migration		3 rd Migration	
			Limit	A.C001	Limit	A.C001
Aluminium (Al)	mg/kg	0.2	35	ND	5	ND
Antimony (Sb)	mg/kg	0.02	0.28	ND	0.04	ND
Chromium (Cr)	mg/kg	0.1	7	ND	1	ND
Cobalt (Co)	mg/kg	0.01	0.14	ND	0.02	ND
Copper (Cu)	mg/kg	0.1	28	ND	4	ND
Iron (Fe)	mg/kg	0.25	280	ND	40	ND
Manganese (Mn)	mg/kg	0.25	3.85	ND	0.55	ND
Molybdenum (Mo)	mg/kg	0.02	0.84	ND	0.12	ND
Nickel (Ni)	mg/kg	0.05	0.98	ND	0.14	ND
Silver (Ag)	mg/kg	0.03	0.56	ND	0.08	ND
Tin (Sn)	mg/kg	5	700	ND	100	ND
Vanadium (V)	mg/kg	0.005	0.07	ND	0.01	ND
Zinc (Zn)	mg/kg	1	35	ND	5	ND
Arsenic (As)	mg/kg	0.001	0.014	ND	0.002	ND
Barium (Ba)	mg/kg	0.25	8.4	ND	1.2	ND
Beryllium (Be)	mg/kg	0.005	0.07	ND	0.01	ND
Cadmium (Cd)	mg/kg	0.002	0.035	ND	0.005	ND
Lead (Pb)	mg/kg	0.005	0.07	ND	0.01	ND



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Test Item(s)	Unit(s)	RL	(1 st +2 nd) Migration		3 rd Migration	
			Limit	A.C001	Limit	A.C001
Lithium(Li)	mg/kg	0.02	0.336	ND	0.048	ND
Mercury(Hg)	mg/kg	0.002	0.021	ND	0.003	ND
Thallium(Tl)	mg/kg	0.0001	0.007	ND	0.001	ND
Zirconium(Zr)	mg/kg	0.2	14	ND	2	ND
Comment			Pass			

Notes:

- (1) Test condition & simulant were specified by client.
- (2) Requirement for repeat use article: According to European Directorate for the Quality of Medicines & Healthcare (EDQM), the result from 3rd migration shall comply with the Specific Release Limit (SRL) and the sum of 1st and 2nd migration shall not exceed seven times of SRL for repeated use articles.
- (3) Acidic foodstuff is not considered for compliance.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test

Test Method: With reference to DIN 10955: 2024.
No. of panelist: 6

Test Media	Test Condition
	A.C001
Distilled water	100°C, 2 hrs

Test Item(s)	Limit	Unit(s)	A.C001
Area/Volume	-	dm ² /kg	10.0
Sensorial examination odour	2.5	-	0
Sensorial examination taste	2.5	-	0
Comment			Pass

Notes:

Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

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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Sample Photo:



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*** End of Report ***



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