Test Report

The following information was/were submitted and identified by/on behalf of the client:

Applicant	:	JIEYANG CITY JIESHI HARDWARE PLASTIC CO.,LTD
Address	:	NORTH SIDE OF MEIYUN ZIYUN INDUSTRIAL PARK, RONGCHENG DISTRICT, JIEYANG CITY
Sample Name	:	Stainless steel tableware set
Sample Model	:	BXG-2203.XTYB-10009,XTYB-10010,XTYB-10011
Manufacturer	:	JIEYANG CITY JIESHI HARDWARE PLASTIC CO.,LTD
Manufacturer's Address	:	NORTH SIDE OF MEIYUN ZIYUN INDUSTRIAL PARK, RONGCHENG DISTRICT, JIEYANG CITY
Country of Origin	:	China
Sample Receive Date	:	Mar. 4, 2026
Sample Testing Period	:	Mar. 4, 2026 - Mar. 12, 2026
Test Result Summary	:	

As requested by the applicant, for details refer to attached page(s).

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Sensorial examination odour and taste	Article 3 of Regulation (EC) No 1935/2004 of the European Parliament and of the Council, Council of Europe Resolution CM/Res(2020)9 and EDQM Technical Guide on Metals and Alloys used in food contact materials and articles (2nd Edition, 2024)	PASS
Specific Release of Heavy Metals	Council of Europe Resolution CM/Res(2020)9 and EDQM Technical Guide on Metals and Alloys used in food contact materials and articles (2nd Edition, 2024)	PASS
Overall Migration on Metal	Italian Ministry of Health Decree of 21 March 1973 and its amendments	PASS

Note: 1. The test result(s) are related only to the test item(s) and test part(s) appointed by client.

Authorized signature:

Lab Manager: Gavin Zhou

Mar. 27, 2026

Test Result(s):

Test Sample /Part Description:

Sample /Part No.	Client Claimed Material	Description
01	Stainless steel 430	Silvery metal spatula

1. Sensorial examination odour and taste - Article 3 of Regulation (EC) No 1935/2004, Council of Europe Resolution CM/Res(2020)9 and EDQM Technical Guide on Metals and Alloys used in food contact materials and articles (2nd Edition, 2024)

Test Method: With reference to DIN 10955:2024, the tested sample(s) was immerged with the food simulant under the test condition, then examined by tasters

Test Item(s)	Simulant(s)	Test condition	Limit	Result(s)
				01
Sensorial examination odour	Distilled water	100℃, 2 hours	2.5	0
Sensorial examination taste			2.5	0
Conclusion(s)				PASS

Note: Evaluation scheme:
0 = No perceptible difference;
1 = Just perceptible difference (still difficult to define);
2 = Slight difference (possible to define);
3 = Marked difference;
4 = Strong difference.

2. Specific Release of Heavy Metals - Council of Europe Resolution CM/Res(2020)9 and EDQM Technical Guide on Metals and Alloys used in food contact materials and articles (2nd Edition, 2024)

Test Method: With reference to CM/Res(2020)9 to select simulant & European Commission JRC Guidelines (4th Edition, 2023) to select test condition, then determined by ICP-MS

Sample /Part No.			01					
Simulant(s)			0.5% Citric Acid (W/V)					
Test condition			100℃, 2 hours					
Test Item(s)	Unit	RL	Limit 1 (7xSRL)	Result(s)			Limit 2 (SRL)	Result(s)
				1st Release	2nd Release	Sum of 1st & 2nd Release		3rd Release
Aluminum(Al)	mg/kg	0.2	35	N.D.	N.D.	N.D.	5	N.D.
Antimony(Sb)	mg/kg	0.02	0.28	N.D.	N.D.	N.D.	0.04	N.D.
Chromium(Cr)	mg/kg	0.1	7	N.D.	N.D.	N.D.	1	N.D.
Cobalt(Co)	mg/kg	0.01	0.14	N.D.	N.D.	N.D.	0.02	N.D.
Copper(Cu)	mg/kg	0.1	28	N.D.	N.D.	N.D.	4	N.D.
Iron(Fe)	mg/kg	0.25	280	N.D.	N.D.	N.D.	40	N.D.

Sample /Part No.			01					
Simulant(s)			0.5% Citric Acid (W/V)					
Test condition			100℃, 2 hours					
Test Item(s)	Unit	RL	Limit 1 (7xSRL)	Result(s)			Limit 2 (SRL)	Result(s)
				1st Release	2nd Release	Sum of 1st & 2nd Release		3rd Release
Manganese(Mn)	mg/kg	0.1	3.85	N.D.	N.D.	N.D.	0.55	N.D.
Molybdenum(Mo)	mg/kg	0.02	0.84	N.D.	N.D.	N.D.	0.12	N.D.
Nickel(Ni)	mg/kg	0.05	0.98	N.D.	N.D.	N.D.	0.14	N.D.
Silver(Ag)	mg/kg	0.05	0.56	N.D.	N.D.	N.D.	0.08	N.D.
Tin(Sn)	mg/kg	1	700	N.D.	N.D.	N.D.	100	N.D.
Vanadium(V)	mg/kg	0.005	0.07	N.D.	N.D.	N.D.	0.01	N.D.
Zinc(Zn)	mg/kg	1	35	N.D.	N.D.	N.D.	5	N.D.
Zirconium(Zr)	mg/kg	0.5	14	N.D.	N.D.	N.D.	2	N.D.
Arsenic(As)	mg/kg	0.001	0.014	N.D.	N.D.	N.D.	0.002	N.D.
Barium(Ba)	mg/kg	0.25	8.4	N.D.	N.D.	N.D.	1.2	N.D.
Beryllium(Be)	mg/kg	0.005	0.07	N.D.	N.D.	N.D.	0.01	N.D.
Cadmium(Cd)	mg/kg	0.002	0.035	N.D.	N.D.	N.D.	0.005	N.D.
Lead(Pb)	mg/kg	0.005	0.070	N.D.	N.D.	N.D.	0.010	N.D.
Lithium(Li)	mg/kg	0.02	0.336	N.D.	N.D.	N.D.	0.048	N.D.
Mercury(Hg)	mg/kg	0.002	0.021	N.D.	N.D.	N.D.	0.003	N.D.
Thallium(Tl)	mg/kg	0.0005	0.007	N.D.	N.D.	N.D.	0.001	N.D.
Magnesium(Mg)	mg/kg	0.5	-	N.D.	N.D.	N.D.	-	N.D.
Titanium(Ti)	mg/kg	0.1	-	N.D.	N.D.	N.D.	-	N.D.
Conclusion(s)			-	-	-	PASS	-	PASS

Note: 1. mg/kg = milligram per kilogram food simulant;
2. RL = Report Limit;
3. N.D. = Not Detected (<RL);
4. SRL = Specific Release Limits;
5. Sum of the results of the 1st and 2nd release should not be exceed seven times of the SRL(7xSRL), and the 3rd release result shouldn't exceed the SRL.

3. Overall Migration on Metal - Italian Ministry of Health Decree of 21 March 1973 and its amendments

Test Method: With reference to Italian Minister of Health Decree of March 21, 1973 and its amendments, Annex IV section 1

Simulant(s)	Test condition	Unit	RL	Limit	Result(s)
					01
					3rd Migration
3% Acetic acid (W/V)	100℃, 30 minutes	mg/dm^2	3.0	8	N.D.
Conclusion(s)					PASS

Note: 1. mg/dm^2 = milligram per square decimeter;
2. RL = Report Limit;
3. N.D. = Not Detected (<RL).

Sample Photo(s):