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

Applicant	:	qiqige gongmao you xian ze ren gong si
Address	:	2nd Floor, No. 1-1, Qingtangxiashan, Qingtangxia Village, Gushan Town, Yongkang City, Jinhua City, Zhejiang Province (self-declaration)
Sample Name	:	40oz gen1 3d print
Manufacturer	:	qiqige gongmao you xian ze ren gong si
Manufacturer's Address	:	2nd Floor, No. 1-1, Qingtangxiashan, Qingtangxia Village, Gushan Town, Yongkang City, Jinhua City, Zhejiang Province (self-declaration)
Country of Origin	:	China
Sample Receive Date	:	Jun. 10, 2025
Sample Testing Period	:	Jun. 10, 2025 - Jun. 18, 2025
Test Result Summary	:	Please refer to the next page(s)

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Authorized signature:

Lab Manager: Gavin Zhou

NINGBO GIG TESTING CO.,LTD. GIG

Jun. 18, 2025

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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, German Food, Articles of Daily Use and Feed code (LFGB), Section 30 and 31 with amendments, Italian Ministry of Health Decree of 21 March 1973 and its amendments	PASS
Specific Release of Heavy Metals	EU Technical Guide Council of Europe Resolution CM/Res(2020)9 [instead of former CM/Res(2013)9] and EDQM Technical Guide on Metals and Alloys used in food contact materials and articles (2nd Edition, 2024), German Food, Articles of Daily Use and Feed code (LFGB), Section 30 and 31 with amendments, Italian Ministry of Health Decree of 21 March 1973 and its amendments	PASS
Overall Migration on Metal	Italian Ministry of Health Decree of 21 March 1973 and its amendment Decree No. 6 August 2015, n. 195	PASS

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Test Result(s):

Test Sample /Part Description:

Sample /Part No.	Client Claimed Material	Description
01	304 stainless steel	Silvery metal inwall

1. Sensorial examination odour and taste - Article 3 of Regulation (EC) No 1935/2004, LFGB Section 30 and 31 with amendments, Italian Ministry of Health Decree of 21 March 1973 and its amendments

Test Method: With reference to DIN 10955:2024, the tested sample(s) was filled 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	70℃, 2 hours followed by 40℃, 24 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.

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2. Specific Release of Heavy Metals - Regulation (EC) No 1935/2004, EU Technical Guide 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), LFGB Section 30 and 31 with amendments, Italian Ministry of Health Decree of 21 March 1973 and its amendments

Test Method: With reference to CM/Res(2020)9 to select simulant & test condition, then determined by ICP-MS

Sample /Part No.			01					
Simulant(s)			0.5% Citric Acid (W/V)					
Test condition			70℃, 2 hours followed by 40℃, 24 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.

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Sample /Part No.			01					
Simulant(s)			0.5% Citric Acid (W/V)					
Test condition			70℃, 2 hours followed by 40℃, 24 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
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.
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.

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3. Overall Migration on Metal - Italian Ministry of Health Decree of 21 March 1973 and its amendment Decree No. 6 August 2015, n. 195

Test Method: With reference to Italian Minister of Health Decree of March 21, 1973 Annex IV section 1 and its amendment Ministry of Health Decree No. 6 August 2015, n. 195 for selection of conditions and EN 1186-1:2002 for selection of test methods;
EN 1186-3:2022 Test methods for overall migration in evaporable simulants

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);
4. Analytical tolerances is 2mg/dm^2.

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