

Test Report

No.: NGBHL23004532501

Date: Oct 09, 2023

Page 1 of 4

Client Name: ZHEJIANG SANCONG KITCHEN WARE CO., LTD

Client Address: NO.1 HONGXING ROAD, JIAODAO TOWN YANGJIA, WUYI COUNTY, JINHUA CITY, ZHEJIANG PROVINCE, CHINA.

Sample Description: CAST IRON ENAMELED CASSEROLE

Style No.: NOT PROVIDED

Item No.: NOT PROVIDED

Manufacturer: ZHEJIANG SANCONG KITCHEN WARE CO., LTD

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

SGS No.: NBHL2309018373CW

Sample Receiving Date: Sep 27, 2023

Testing Period: Sep 27, 2023 ~ Oct 09, 2023

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

	Test Requirement	Comment
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Sensorial examination odour and taste test	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 with amendments, ISO 4531:2022 - Release of heavy metals	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Sissie Peng
Approved Signatory

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No.: NGBHL23004532501

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Page 2 of 4

Test Result(s):**Test Part Description:**

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	NGB23-0045325-0001.C001	Black enamel casserole	ENAMEL

Remarks:

- (1) mg/dm² = milligram per square decimeter
 $\mu\text{g}/\text{cm}^2$ = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
- (2) °C = degree Celsius
- (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, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Sensorial examination odour and taste test

Test Method: With reference to DIN 10955: 2023.

No. of panelist: 6

Test Media	Test Condition		
	A1		
Distilled water	95°C, 2 hrs		

Test Item(s)	Limit	Unit(s)	A1
Area/Volume	-	dm ² /kg	3.0
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

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 with amendments, ISO 4531:2022 - Release of heavy metals



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Test Report

No.: NGBHL23004532501

Date: Oct 09, 2023

Page 3 of 4

Test Method: According to ISO 4531:2022.

Simulant	Test Condition		
	A1		
3% Acetic acid (W/V)		95°C	2 hrs

Test Item(s)	Limit	Unit(s)	RL	A1-Trial1	A1-Trial2	A1-Average
3% Acetic acid (W/V)						
Migration times						
Aluminium (Al)	1000	µg/L	200	289	ND	ND
Silver(Ag)	80	µg/L	30	ND	ND	ND
Arsenic(As)	2	µg/L	1	1	ND	ND
Barium(Ba)	1200	µg/L	250	ND	ND	ND
Cadmium(Cd)	5	µg/L	2	ND	ND	ND
Cobalt(Co)	100	µg/L	10	14	ND	ND
Chromium(Cr)	250	µg/L	100	ND	ND	ND
Copper(Cu)	4000	µg/L	100	ND	ND	ND
Lithium(Li)	480	µg/L	20	31	ND	ND
Manganese(Mn)	1800	µg/L	250	ND	ND	ND
Molybdenum(Mo)	120	µg/L	20	ND	ND	ND
Nickel(Ni)	140	µg/L	50	ND	ND	ND
Lead(Pb)	10	µg/L	5	ND	ND	ND
Antimony (Sb)	40	µg/L	20	ND	ND	ND
Vanadium(V)	10	µg/L	5	ND	ND	ND
Zinc(Zn)	5000	µg/L	1000	ND	ND	ND
Comment	Pass					

Notes:

- (1) Test condition & simulant were specified by client.
 (2) µg/L=microgram per litre

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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Page 4 of 4

Sample Photo:



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*** End of Report ***

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