Test Report

No.: TSNHL25000152801 **Date:** Jan 20, 2025

Client Name: HEBEI CHANGAN DUCTILE IRON CASTING CO.,LTD

Client Address: 150M SOUTHWARDS,WEST DINGWEI ROAD,NANLOU VILLAGE,CHANGAN TOWN,GAOCHENG AREA,SHIJIAZHUANG,HEBEI,CHINA.

Sample Description: 28CM CAST IRON ENMAEL POT

Manufacturer: HEBEI CHANGAN DUCTILE IRON CASTING CO.,LTD

Supplier: HEBEI CHANGAN DUCTILE IRON CASTING CO.,LTD

Origin of the Product(s): CHINA

Destination of the Product(s): WORLDWIDE

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

SGS No.: TJHL2501000274CW

Sample Receiving Date: Jan 14, 2025

Testing Period: Jan 14, 2025 ~ Jan 20, 2025

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 with amendments, ISO 4531:2022 - Release of heavy metals	Pass

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

Patrick Kou
Approved Signatory

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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	TSN25-0001528-0001.C001	white inside red outside enamel boiler	WHITE ENAMEL COATING +CAST IRON

Remarks:

(1) mg/dm^2 = milligram per square decimeter
$mg/inch^2$ = milligram per square inches
$\mu g/cm^2$ = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram

(2) ℃ = degree Celsius
℉ = 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, 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

Test Method: According to ISO 4531:2022.

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

Test Item(s)	Limit	Unit(s)	RL	A1-Trial1	A1-Trial2	A1-Average
3% Acetic acid (W/V)						
Migration times				Third		
Aluminium (Al)	1000	µg/L	200	ND	ND	ND
Silver(Ag)	80	µg/L	30	ND	ND	ND
Arsenic(As)	2	µg/L	1	ND	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	ND	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	ND	ND	ND
Manganese(Mn)	1800	µg/L	250	ND	ND	ND
Molybdenum(Mo)	120	µg/L	20	ND	ND	ND

检验检测专用章 Inspection & Testing Services

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Test Item(s)	Limit	Unit(s)	RL	A1-Trial1	A1-Trial2	A1-Average
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**		

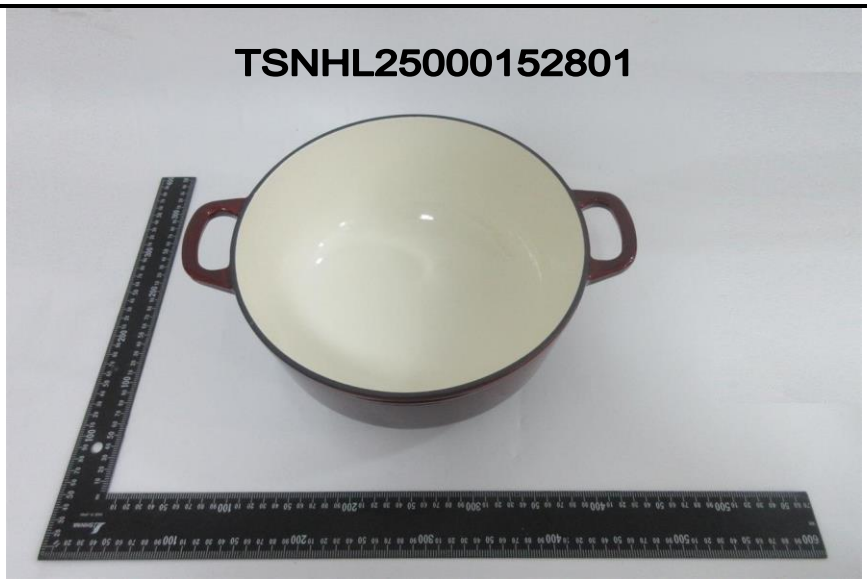
Notes:
(1) Test condition & simulant were specified by client.
(2) µg/L=microgram per litre
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

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Sample Photo:



TSN25-0001528-0001.C001

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*** End of Report ***

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