

Test Report

No. TSNHG1900964001

Date: 19 Jun 2019

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SMART BRANDS LABORATORY BV
BLAAK 40,3011TA,ROTTERDAM,NETHERLANDS

The following sample(s) was/were submitted and identified on behalf of the clients as : ENAMEL CAST IRON POT

SGS Job No. : TJHL1906002804CW - TJ
 Item No. : HB-28
 Supplier : HEBEI CHANGAN DUCTILE IRON CASTING CO.,LTD
 Buyer : SMART BRANDS LABORATORY BV
 Manufacturer : HEBEI CHANGAN DUCTILE IRON CASTING CO.,LTD
 PO No. : SBL-CA004-EU
 Country of Origin : CHINA
 Country of Destination : NETHERLANDS
 Date of Sample Received : 13 Jun 2019
 Testing Period : 13 Jun 2019 - 19 Jun 2019
 Test Requested : Selected test(s) as requested by client.
 Test Method : Please refer to next page(s).
 Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 with amendments-ISO 4531:2018-Release of heavy metals	PASS

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



Reabeca Zhou
Approved Signatory



TSNHG1900964001

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN19-009640.001	black inside red outside enamel boiler	ENAMEL

Remarks :

- (1) mg/dm² = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected (< MDL)

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB),
Section 30 with amendments-ISO 4531:2018-Release of heavy metals**

Test Method : According to ISO 4531:2018.

Sample 001

Simulant Used : 3% Acetic acid (W/V) aqueous solution

Test Condition : 95 °C 2.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Aluminium(Al)	5000	µg/L	200	ND
Silver(Ag)	80	µg/L	30	ND
Arsenic(As)	2	µg/L	1	ND
Barium(Ba)	1200	µg/L	250	ND
Cadmium(Cd)	5	µg/L	2	ND
Cobalt(Co)	100	µg/L	10	ND
Chromium(Cr)	250	µg/L	100	ND
Copper(Cu)	4000	µg/L	100	ND
Lithium(Li)	480	µg/L	20	ND
Manganese(Mn)	1800	µg/L	250	ND
Molybdenum(Mo)	120	µg/L	20	ND
Nickel(Ni)	140	µg/L	50	ND
Lead(Pb)	10	µg/L	5	ND
Antimony(Sb)	40	µg/L	20	ND



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Vanadium(V)	10	µg/L	5	ND
Zinc(Zn)	5000	µg/L	1,000	ND
Conclusion				PASS

Notes :

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

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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