

## Test Report

No. TSNHG1900963101

Date: 19 Jun 2019

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SMART BRANDS LABORATORY LLC

235 MONTGOMERY STREET, SUITE 410, SAN FRANCISCO, CA 94104

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

SGS Job No. : TJHL1906002805CW - TJ  
 Item No. : NSL-10  
 Supplier : HEBEI CHANGAN DUCTILE IRON CASTING CO.,LTD  
 Buyer : SMART BRANDS LABORATORY LLC  
 Manufacturer : HEBEI CHANGAN DUCTILE IRON CASTING CO.,LTD  
 PO No. : SBL-CA005-US  
 Country of Origin : CHINA  
 Country of Destination : USA  
 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
FDA 21 CFR 175.300-Total extractives	PASS
American Food and Drug Administration (FDA) Compliance Policy Guides Sec.545.500 (CPG 7117.05)-Leachable Lead	PASS

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



Reabeca Zhou  
 Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN19-009631.001	black metal pan	CAST IRON
SN2	TSN19-009631.002	black metal pan	CAST IRON

Remarks :

- (1) mg/dm<sup>2</sup> = 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)

## FDA 21 CFR 175.300-Total extractives

Test Method : With reference to FDA 21 CFR 175.300

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Total Extractive residues</u>	<u>Comment</u>
Distilled Water	0.5hr(s)	212°F	18mg/inch <sup>2</sup>	<0.1mg/inch <sup>2</sup>	PASS
n-Heptane	0.5hr(s)	120°F	18mg/inch <sup>2</sup>	<0.1mg/inch <sup>2</sup>	PASS

Notes :

limit=Reference limit. The test sample is out of scope of the standard

## American Food and Drug Administration (FDA) Compliance Policy Guides Sec.545.500 (CPG 7117.05)-Leachable Lead

Test Method : With reference to AOAC 18th Ed. (2005) Section 973.32, analysis was performed by AAS.

### Sample 002



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	<u>Vol. of Leaching Solution (mL)</u>	<u>Depth (mm)</u>	<u>Surface Area (dm<sup>2</sup>)</u>
1	2000	51	9.22
2	2000	51	9.22
3	2000	51	9.22
4	2000	51	9.22
5	2000	51	9.22
6	2000	51	9.22

	<u>leachable lead (µg/mL)</u>
1	<0.05
2	<0.05
3	<0.05
4	<0.05
5	<0.05
6	<0.05
Limit	7

### Notes :

- (1) < = less than
- (2) µg/mL = microgram per millilitre
- (3) Limit=Reference limit, The test sample is out of scope of the standard.



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Sample photo:



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