

## Test Report

No. CANEC1908064601

Date: 16 May 2019

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FIRESIDE INDUSTRIES INC.

8957 W WINDSOR DR#128, PEORIA, AZ 85379, U.S.A.

The following sample(s) was/were submitted and identified on behalf of the clients as : GRILL GRATE

SGS Job No. : CP19-022512 - SZ  
 Date of Sample Received : 07 May 2019  
 Testing Period : 07 May 2019 - 16 May 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
US FDA Generally Recognized As Safe (GRAS) Specifications in stainless steel-Total Chromium content	PASS
US FDA Generally Recognized As Safe (GRAS) Specifications and US CMA recommended specification – Stainless steel composition	PASS

Conclusion : he tested parameters comply with the requirement stated in Food and Drug Administration Regulations.

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

*Catty Gong*

Catty Gong  
 Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
 Guangzhou Branch Testing Center Chemical Laboratory.

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Test Results :

## Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN19-080646.001	Silvery metal	Stainless steel(SUS304)

## US FDA Generally Recognized As Safe (GRAS) Specifications in stainless steel-Total Chromium content

Test Method : SGS In-house method (GZTC CHEM-TOP-044-28 or GZTC CHEM-TOP-175-01), followed by ICP-OES or titration method.

Test Item(s)	Limit	Unit	MDL	001
Total Chromium	≥16	%(w/w)	0.01	18.48
Comment				PASS

Notes :

1. %(w/w) = percentage of weight by weight
2. MDL=Method Detection Limit
3. ND = Not Detected(less than MDL)

## US FDA Generally Recognized As Safe (GRAS) Specifications and US CMA recommended specification – Stainless steel composition

Test Method : a. For Chromium, Nickel, Manganese, Silicon, and Phosphorus content:  
Acid digestion. Analysis was performed by ICP-OES or titration method.  
b.C,S: ASTM E1019-18(Method A)(C/S Analyzer)  
c.N: ASTM E1019-18(O/N Analyzer)

Test Item(s)	Limit	Unit	MDL	001
C	0.08	%(w/w)	-	0.05
N	0.10	%(w/w)	-	0.06
S	0.030	%(w/w)	-	0.003
Si	0.75	%(w/w)	0.010	0.377
Cr	★	%(w/w)	0.01	18.48
Mn	2.00	%(w/w)	0.010	0.766
Ni	▲	%(w/w)	0.010	8.965
P	0.045	%(w/w)	0.0100	0.0202



SGS-CSTC (Shanghai) Technical Services Co., Ltd.  
Guangzhou Branch Testing Center Chemical Laboratory.

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## Notes :

1. % w/w = percentage of weight by weight
2. ND = Not Detected
3. "-" = Not Applicable
4. ANSI 304 Specification is quoted from US Cookware Manufacturer Association (CMA) – Engineering Standards for Cookware and Bakeware, December 2012.
5. The test of C N S was subcontracted to SGS Shanghai lab.
6. ★=18.00–20.00
7. ▲=8.00–10.50



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Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*



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