

ZHONGSHAN ZHANSHI OUTDOOR PRODUCTS CO., LTD.  
NO.4 HAOJING RD, BANFU TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE, CHINA.

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

Sample Description : X19-006 BBQ GRILL MESH  
 SGS Ref. No. : CANHG1924502901  
 Supplier Item No. : X19-006 BBQ GRILL MESH  
 Manufacturer : ZHONGSHAN ZHANSHI OUTDOOR PRODUCTS CO., LTD.  
 Country of Origin : CHINA  
 Sample Receiving Date : Dec.09, 2019  
 Test Performing Date : Dec.09, 2019 to Dec.13, 2019

### Test Result Summary

Test(s) Requested	Result(s)	Comments
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments—Sensorial examination odour and taste test	FAIL	/
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments and Council of Europe Resolution CM/Res(2013)9—Extractable heavy metals	PASS	/
For further details, please refer to the following page(s)		

Signed for and on behalf of  
Shunde Branch  
SGS-CSTC Co., Ltd.



*Snow*

Snow Zhang  
Approved signatory



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SGS-CSTC Inspection & Testing Services Co., Ltd.  
Shunde Branch Harbin

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN19-245029.001	Silvery metal grill	Metal

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments - Sensorial examination odour and taste test**

Test Method : With reference to DIN10955:2004,direct contact method.  
No.of panelist:6

Test Item(s)	Limit	001
Test media	-	Distilled water
Test Temperature (°C)	-	100
Test time (hr)	-	2
Sensorial examination odour (Point scale)	2.5	0.0
Sensorial examination taste (Point scale)	2.5	3.0#
<b>Comment</b>		<b>FAIL</b>

Notes :

Intensity scale (rounded at 0.5):

- 0 - no perceptible difference
- 1 - just perceptible difference
- 2 - slight difference
- 3 - marked difference
- 4 - strong difference

Remark:# = Exceed the limit, and visible color migration in simulant



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**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments and Council of Europe Resolution CM/Res(2013)9 – Extractable heavy metals**

Test Method : With reference to EN13130-1:2004 for selection of test method; analysis was performed by ICP-OES and ICP-MS.

**Sample 001:**

Simulant Used : 0.5% Citric acid (W/V) aqueous solution

Test Condition : 100°C 2.0hr(s)

The ratio of surface area to volume was : 6.0 dm<sup>2</sup>/kg

Test Item(s)	Limit	Unit	MDL	1st + 2nd Migration
Aluminium(Al)	35	mg/kg	0.2	ND
Antimony(Sb)	0.28	mg/kg	0.02	ND
Chromium(Cr)	1.75	mg/kg	0.1	ND
Cobalt(Co)	0.14	mg/kg	0.01	ND
Copper(Cu)	28	mg/kg	0.1	ND
Iron(Fe)	280	mg/kg	0.25	9.24
Manganese(Mn)	12.6	mg/kg	0.25	ND
Molybdenum(Mo)	0.84	mg/kg	0.02	ND
Nickel(Ni)	0.98	mg/kg	0.05	0.21
Silver(Ag)	0.56	mg/kg	0.03	ND
Tin (Sn)	700	mg/kg	5	ND
Vanadium(V)	0.07	mg/kg	0.005	ND
Zinc(Zn)	35	mg/kg	1	ND
Arsenic(As)	0.014	mg/kg	0.001	ND
Barium(Ba)	8.4	mg/kg	0.25	ND
Beryllium(Be)	0.07	mg/kg	0.005	ND
Cadmium(Cd)	0.035	mg/kg	0.002	ND
Lead(Pb)	0.07	mg/kg	0.005	ND
Lithium(Li)	0.336	mg/kg	0.02	ND
Mercury(Hg)	0.021	mg/kg	0.002	ND
Thallium(Tl)	0.0007	mg/kg	0.0001	ND



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Test Item(s)	Limit	Unit	MDL	3rd Migration
Aluminium(Al)	5	mg/kg	0.2	ND
Antimony(Sb)	0.04	mg/kg	0.02	ND
Chromium(Cr)	0.25	mg/kg	0.1	ND
Cobalt(Co)	0.02	mg/kg	0.01	ND
Copper(Cu)	4	mg/kg	0.1	ND
Iron(Fe)	40	mg/kg	0.25	5.97
Manganese(Mn)	1.8	mg/kg	0.25	ND
Molybdenum(Mo)	0.12	mg/kg	0.02	ND
Nickel(Ni)	0.14	mg/kg	0.05	0.09
Silver(Ag)	0.08	mg/kg	0.03	ND
Tin (Sn)	100	mg/kg	5	ND
Vanadium(V)	0.01	mg/kg	0.005	ND
Zinc(Zn)	5	mg/kg	1	ND
Arsenic(As)	0.002	mg/kg	0.001	ND
Barium(Ba)	1.2	mg/kg	0.25	ND
Beryllium(Be)	0.01	mg/kg	0.005	ND
Cadmium(Cd)	0.005	mg/kg	0.002	ND
Lead(Pb)	0.01	mg/kg	0.005	ND
Lithium(Li)	0.048	mg/kg	0.02	ND
Mercury(Hg)	0.003	mg/kg	0.002	ND
Thallium(Tl)	0.0001	mg/kg	0.0001	ND

Notes :

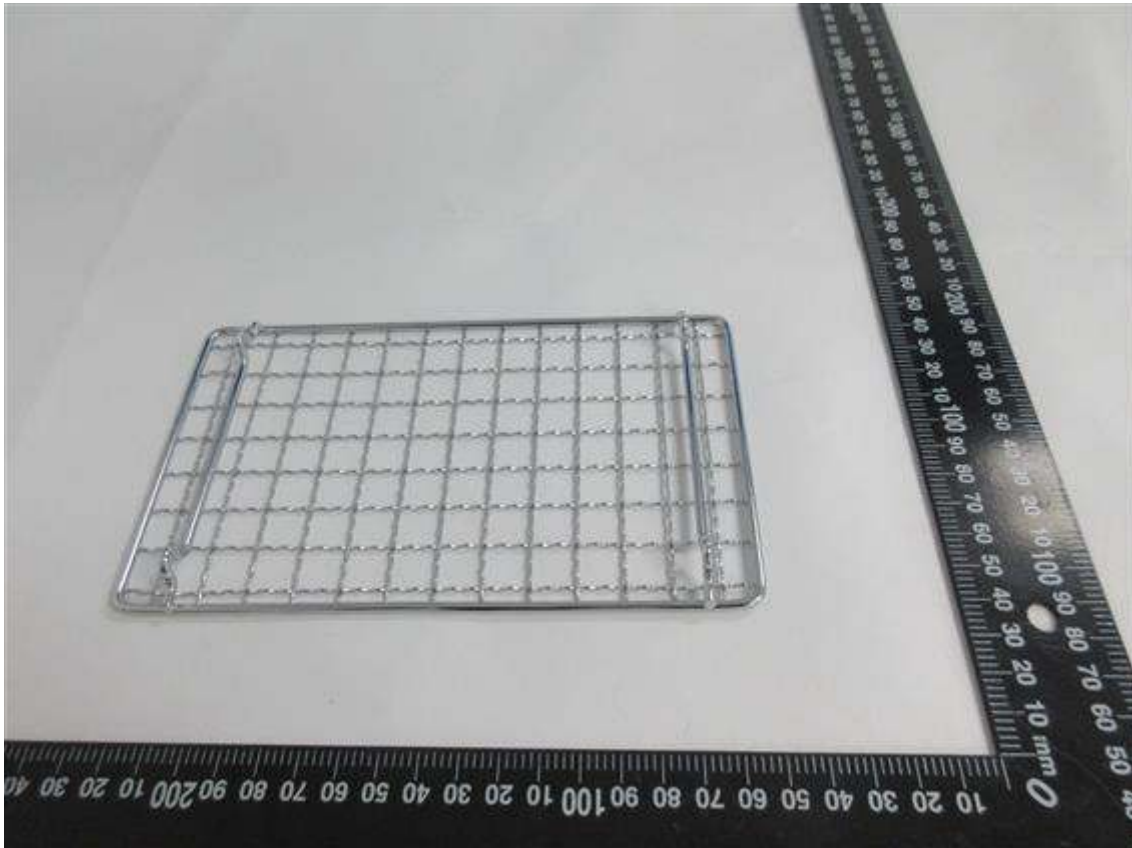
- 1.mg/kg = milligram per kilogram of foodstuff in contact with
- 2.MDL = Method Detection Limit
- 3.ND = Not Detected ( < MDL)
- 4.According to Council of Europe Resolution CM/Res(2013)9, the result from 3rd migration shall comply with the Specific Release Limit (SRL) and the sum of 1st and 2nd migration shall not exceed seven times of SRL for repeated use articles



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Photo Appendix:



CANHG1924502901

CAN19-245029.001

**Remark:** This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.

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

