

Test Report No.: 68.431.22.2357.01

Dated: 2022-05-18



Applicant : JIANGMEN CITY XINHUI XINGHUA KITCHENWARE CO. LTD.
XIAOZE CHUANG LI LAI INDUSTRIAL AREA DAZE
TOWN,JIANGMEN CITY,GUANGDONG,CHINA

Sample Description : Stainless steel cookware

Country of Origin : 中国

Test Sample Receipt Date, Location : 2022-04-25, Shenzhen

Test Period, Location : From 2022-04-25 to 2022-05-07, Shenzhen

Test Result(s) : Refer to Section 3



Laboratory:
TÜV SÜD Certification and Testing (China) Co., Ltd.
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Purpose Of Examination / Conclusion:

Test Requested:	As specified by client, to test per the selected requirement(s) for the tested item(s) as stated in the German Food & Feed Acts LFGB (§ 30 & 31) and Regulation (EC) No.1935/2004
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No.	Test Item(s)	Conclusion
1	Extractable 23 Heavy Metals Test as specified in EDQM Technical Guide Council of Europe Resolution CM/Res(2013)9	Pass
2	Sensory Test Test for compliance with German Food and Feed Acts LFGB Section 31 and Regulation (EC) No. 1935/2004 Article 3(1)	Pass

Remarks:

- (1) The results relate only to the items tested.
- (2) Samples are tested as received.
- (3) The test item and samples were specified by the client.
- (4) "Pass" means the measured result is within a limit, even when extended by expanded uncertainty. "Fail" means the measured result is beyond a limit, even when extended by expanded uncertainty. "Inconclusive" means the measured result can be within or beyond a limit when extended by expanded uncertainty. The confidence level of the expanded uncertainty for "Pass", "Fail" and "Inconclusive" is 95%.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

Prepared by:

Reviewed by:



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1. Description of the Test Sample:

Sample Description	Stainless steel cookware
	



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2. List of Materials as identified by the Laboratory:

T. No.	Sample No.	Colour and Description	Photograph
T1	001	Silver stainless steel (Cookware)	 A photograph of a cylindrical, silver stainless steel cookware item, possibly a small pot or a lid, set against a solid blue background.



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3. Test Result

3.1 Extractable 23 Heavy Metals

Test as specified in EDQM Technical Guide Council of Europe Resolution CM/Res(2013)9

Sample(s) was tested with below test condition, and followed by ICP-MS analysis

Test Conditions: 0.5% citric acid: 100 °C for 2 Hours

Elements	Result(s) of 1 st + 2 nd Migration [mg/kg foodstuff]	Result(s) of 3 rd Migration [mg/kg foodstuff]	7*Maximum Permissible Limits [mg/kg foodstuff]	Maximum Permissible Limits [mg/kg foodstuff]
	SAMPLE 001			
1. Aluminum (Al)	<0.2	<0.1	35	5
2. Antimony (Sb)	<0.01	<0.005	0.28	0.04
3. Arsenic (As)	<0.0008	<0.0004	0.014	0.002
4. Barium (Ba)	<0.2	<0.1	8.4	1.2
5. Beryllium (Be)	<0.004	<0.002	0.07	0.01
6. Cadmium (Cd)	<0.0008	<0.0004	0.035	0.005
7. Chromium (Cr)	0.109	<0.050	1.75	0.25
8. Cobalt (Co)	<0.004	<0.002	0.14	0.02
9. Copper (Cu)	<0.2	<0.1	28	4
10. Iron (Fe)	7.0	1.5	280	40
11. Lead (Pb)	<0.02	<0.01	0.07	0.01
12. Lithium (Li)	<0.01	<0.005	0.336	0.048
13. Magnesium (Mg)	<0.1	<0.05	-	-
14. Manganese (Mn)	<0.2	<0.1	12.6	1.8
15. Mercury (Hg)	<0.001	<0.0005	0.021	0.003
16. Molybdenum (Mo)	<0.004	<0.002	0.84	0.12
17. Nickel (Ni)	<0.1	<0.05	0.98	0.14
18. Silver (Ag)	<0.004	<0.002	0.56	0.08
19. Thallium (Tl)	<0.0002	<0.0001	0.0007	0.0001
20. Tin (Sn)	<1.0	<0.5	700	100
21. Titanium (Ti)	<0.1	<0.05	-	-
22. Vanadium (V)	<0.004	<0.002	0.07	0.01
23. Zinc (Zn)	<0.2	<0.1	35	5

Note 1. "°C" denotes degree Celsius

2. "<" denotes less than

3. "mg/kg" denotes milligram per kilogram

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3.2 Sensory Test

Test for compliance with German Food and Feed Acts LFGB Section 31 and Regulation (EC) No. 1935/2004 Article 3(1)

Test method: With reference to DIN 10955:2004.

The submitted sample was treated with below test conditions. After this treatment, treated food simulant was examined by panels with regard to any divergence in smell and taste.

Test Item	Test Conditions	Grade Results	Recommend Level
		Sample 001	
Transfer of smell	Distilled water: 100°C for 2 Hours	1	<2.5
Transfer of taste	Distilled water: 100°C for 2 Hours	1	<2.5
Conclusion		Pass	-

Note:

- Explanation for grading are listed as below:
 Grade 0 : No perceptible taste/smell deviation
 Grade 1 : Just perceptible taste/smell deviation
 Grade 2 : Weak taste/smell deviation
 Grade 3 : Clear taste/smell deviation
 Grade 4 : Strong taste/smell deviation

-- END OF TEST REPORT--