

**Test Report**

Number: GZHH00379258

Applicant: YANGJIANG XINZUO INDUSTRY & TRADE CO.,LT  
YUYUAN FIRST ROAD,DONGCHENG TOWN  
INDUSTRIAL PARK,YANGDONG DISTRICT,  
YANGJIANG CITY,GUANGDONG,CHINA

Date: Sep 22, 2020

Attn: ZHENGCANXIN

Sample Description:

Five (5) pieces of submitted sample said to be :  
Item Name : FENG CHEF KNIFE  
Item No. : XINZUO-FENG-PW-CS  
Country of Origin : China  
Date Sample Received : Sep 11, 2020  
Testing Period : Sep 11, 2020 ~ Sep 21,2020



\*\*\*\*\*

Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

\*\*\*\*\*

To be continued



## Test Report

Number: GZHH00379258

### Conclusion:

Regarding the tested parameters and based on the provided material information, the submitted sample complied with the food contacting requirements for German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31, Regulation (EC) 1935/2004.

Based on the assessment of the submitted sample and the information provided, the following tests had been conducted :

<u>Tested parameters</u>	<u>Result</u>
Sensory test	Pass
Determination of heavy metal release on metal	Pass

\*\*\*\*\*

### Authorized by:

For Intertek Testing Services Shenzhen Ltd.  
Guangzhou Branch, Hardlines



Victor T.J. Wang  
Assistant General Manager



**Test Report**

Number: GZHH00379258

Tests Conducted

1 Release Testing on Metals and Alloys Used in Food Contact Materials and Articles

With reference to EU Technical Guide “Council of Europe Resolution CM/Res(2013)9 on metals and alloys Used in Food Contact Materials and Articles”. Migration test was carried out and heavy metal content was determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) and Inductively Coupled Plasma Mass Spectrometer (ICP-MS) .

I. Test Condition:

Temperature: 70 °C

Time: 2 hours

II. Test Result:

Food simulant: Citric acid (5 g/L)

Tested component (1) :							
Elements	Result 1 <sup>st</sup> test (mg/kg)	Result 2 <sup>nd</sup> test (mg/kg)	Result 1 <sup>st</sup> test+Result 2 <sup>nd</sup> test (mg/kg)	Result 3 <sup>rd</sup> test (mg/kg)	Reporting Limit (mg/kg)	7*Limit (mg/kg)	Limit (mg/kg)
Silver (Ag)	ND	ND	ND	ND	0.05	0.56	0.08
Aluminium (Al)	ND	ND	ND	ND	1	35	5
Chromium (Cr)	ND	ND	ND	ND	0.02	1.75	0.250
Cobalt (Co)	ND	ND	ND	ND	0.01	0.14	0.02
Copper (Cu)	ND	ND	ND	ND	0.5	28	4
Iron (Fe)	ND	ND	ND	ND	1	280	40
Manganese (Mn)	ND	ND	ND	ND	0.1	12.6	1.8
Molybdenum(Mo)	ND	ND	ND	ND	0.02	0.84	0.12
Nickel (Ni)	ND	ND	ND	ND	0.1	0.98	0.14
Tin (Sn)	ND	ND	ND	ND	10	700	100
Vanadium (V)	ND	ND	ND	ND	0.005	0.07	0.01
Zinc (Zn)	ND	ND	ND	ND	1	35	5
Antimony (Sb)	ND	ND	ND	ND	0.01	0.28	0.04
Arsenic (As)	ND	ND	ND	ND	0.001	0.014	0.002
Barium (Ba)	ND	ND	ND	ND	0.1	8.4	1.2
Beryllium (Be)	ND	ND	ND	ND	0.01	0.07	0.01
Cadmium (Cd)	ND	ND	ND	ND	0.001	0.035	0.005
Lead (Pb)	ND	ND	ND	ND	0.005	0.070	0.010
Lithium (Li)	ND	ND	ND	ND	0.010	0.336	0.048
Mercury (Hg)	ND	ND	ND	ND	0.003	0.021	0.003
Thallium (Tl)	ND	ND	ND	ND	0.0001	0.0007	0.0001
Magnesium(Mg)	ND	ND	ND	ND	1	-	-
Titanium(Ti)	ND	ND	ND	ND	1	-	-

ND = Not detected(less than reporting limit)

\*\*\*\*\*



## Test Report

Number: GZHH00379258

### Tests Conducted

Remark : The submitted sample is a repeated use article. The migration test was carried out three times on the same article. The sum of the results of the first and second tests should not exceed seven times the limit (Result 1<sup>st</sup> test + Result 2<sup>nd</sup> test < 7 \* limit) and the Result 3<sup>rd</sup> test shouldn't exceed the limit.

Ratio of food contact surface area to volume of component (1) used to establish the compliance of material or article = 1.41 dm<sup>2</sup> : 1250 mL.

Tested component(s) : See component list in the last section of this report.

## 2 Sensory Evaluation

With reference to §64 LFGB L00.90-6.

Sample was cleaned according to the product's instruction manual or in the absence of such manual with water. Food simulant was filled in the sample under below mentioned time and temperature. Odour and taste was evaluated with 6 panelists using control sample of food simulant.

### I. Test condition:

Food simulant  
Water

Test temperature  
70 °C

Test duration  
2 hours

### II. Result:

<u>Test Item</u>	<u>Result</u>	<u>Limit</u>
	(2)	
Appearance of simulant	Clear and colourless	Clear and colourless
Odour of simulant	1	< 3.0 (No significant deterioration)
Taste of simulant	1	< 3.0 (No significant deterioration)

Evaluation Scale: 0= no aberration, neutral  
1= very slight deterioration, barely perceivable  
2= slight deterioration  
3= significant deterioration  
4= strong deterioration

Tested component(s) : See component list in the last section of this report.

\*\*\*\*\*



**Test Report**

Number: GZHH00379258

Tests Conducted

Component list :

- (1) Silver color stainless steel with black printing (knife).
- (2) Knife.

\*\*\*\*\*

End of report

*The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band  $w = U$ ) except designation from the customer, regulation or test specification.*

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Shenzhen Limited, Guangzhou Branch.*

