

Test Report

Number: SHAH01859178

Applicant:

Date: Aug 29, 2025

Sample Description:

One(1) group of submitted sample said to be :

Item Name : THERMAL BOTTLE
Item No. : KU 25730, KU 27316, KU 46412, KU 55618, KU 61746, KU 77846, KU 84124, KU 63215, KU 91347, KU 98276
Brand name. : KÜ KÜCHEN
Packaging Provided By Applicant : No
Buyer : Dong Tam Trading and Constructions Co, LTD, PMA Trading OPC
Goods Exported To : Vietnam, Philippines.
Country Of Origin :
Date Sample Received : 19 Aug, 2025
Testing Period : 19 Aug, 2025 To 26 Aug, 2025

Tests Conducted:

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

Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Tested Component of Submitted Sample	U.S. 21 CFR F.D.A. regulation part 177.1520 clauses (c)(1.1a and 1.1b) on polypropylene	Pass
	U.S. 21 CFR F.D.A. Regulation Part 177.1210 Clause (c) Chloroform Soluble Extractive on Closures with Sealing Gaskets for Food Containers	Pass
	FDA General Recognized As Safe (GRAS) Guidelines on food contact stainless steel materials	Pass

To be continued

Authorized By:

For Intertek Testing Services Ltd., Shanghai

Bill Zhang
General Manager



Test Report

Number: SHAH01859178

Tests Conducted

1 Test For F.D.A. Regulation On Polypropylene

As per the U.S. 21 CFR Food And Drug Administration part 177.1520 clauses (c)(1.1a and 1.1b) and (d) .

	<u>Result</u>	<u>Limit</u>
	(2)	
(A) Density (by sink float method)	0.905	0.880 - 0.913
(B) Melting point, °C (by melting point apparatus)	168	160 - 180 (1.1a) 150 - 180 (1.1b)
(C) Maximum extractable fraction in n-hexane, % (w/w)	<1.0	6.4
(D) Maximum extractable fraction in xylene, % (w/w)	2.5	9.8

Tested Component: See component list in the last section of this report.

Date Sample Received: Aug.19, 2025

Testing Period: Aug.19, 2025 To Aug.25, 2025

2 Test For F.D.A. Regulation part 177.1210 clause (c) On Closures With Sealing Gaskets For Food Containers

As per the U.S. 21 CFR Food And Drug Administration part 177.1210, clause (c).

I. Condition of use

- Hot filled or pasteurized above 150°F (65.6°C)

II. Test item

	<u>Result</u>	<u>Reporting Limit</u>	<u>Limit</u>
	(3)		
(A) Chloroform soluble extractive in water, (mg/L)	ND	20	50
(B) Chloroform soluble extractive in heptane, (mg/L)	24	20	50
(C) Chloroform soluble extractive in 8% alcohol,(mg/L)	ND	20	50

Remark: ND = Not Detected

Tested Component: See component list in the last section of this report.

Date Sample Received: Aug.19, 2025

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3 FDA GRAS- Total Chromium (Cr) Content on Stainless Steel

With reference to FDA Generally Regarded As Safe (GRAS) Guidelines, acid digestion was used and total Chromium was detected by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item	Result (%)	Requirement
	(1)	(%)
Chromium (Cr)	17.83	16.00 (min.)

Tested Component: See component list in the last section of this report.



Picture of sample

Date Sample Received: Aug.19, 2025

Testing Period: Aug.19, 2025 To Aug.21, 2025

Components list :

- (1) Silver metal body
- (2) Black plastic lid
- (3) Transparent Silicone Seal ring

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 decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. 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 Ltd., Shanghai