

Applicant MEIKO TINS INDUSTRIES CO., LTD.
NO. 7 TIANBIAN ROAD, SHIPAI TOWN,
DONGGUAN CITY, GUANGDONG CHINA

Issue Date: Jan 08, 2025

Attn MANFRED LAU

SAMPLE DESCRIPTION AS DECLARED

Item Name	HARRODS TEA CADDY
Item No./SKU No.	--
Quantity	12 PIECES
Manufacturer/Factory/Supplier	MEIKO TINS INDUSTRIES CO., LTD
Vendor	--
Buyer	--
Country/Region of Origin	CHINA
Country/Region of Destination	UK
Date Sample Received	NOV 27, 2024
Testing Period	NOV 27, 2024 ~ JAN 08, 2025



For and on behalf of
Intertek Testing Services Shenzhen Ltd.

Rachel L. Guo
General Manager



CONCLUSION

Tested Sample	Standard/Testing Item	Result
Tested component(s) of submitted samples	EDQM Technical Guide on Metals and Alloys Used in Food Contact Materials and Articles, 2024, 2 nd Edition on specific migration of heavy metal	Pass
	Council Europe Resolution AP (2004) 1 on Coatings Intended to Come into Contact with Foodstuffs on overall migration	Pass
	European Commission Regulation No. 10/2011 Annex I and Amendment No. 2018/213 and Regulation 1935/2004 on specific migration of Bisphenol A content	Pass



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

With reference to EDQM Technical Guide on Metals and Alloys Used in Food Contact Materials and Articles, 2024, 2nd Edition. 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).

Test Condition:

Temperature: 40°C Time: 10 days

Test Result:

Food simulant: Artificial tap water

(1) Silver color metal with light gold color coating (lid, inner of body).

Test Item	Result 1 st test mg/kg	Result 2 nd test mg/kg	Result 1 st test+Result 2 nd test mg/kg	Result 3 rd 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	0.05	35	5
Chromium (Cr(III))	ND	ND	ND	ND	0.02	7	1
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	0.02	3.85	0.55
Molybdenum (Mo)	ND	ND	ND	ND	0.02	0.84	0.12
Nickel (Ni)	ND	ND	ND	ND	0.01	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	0.005	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	0.002	0.021	0.003
Thallium (Tl)	ND	ND	ND	ND	0.0001	0.007	0.001
Zirconium (Zr)	ND	ND	ND	ND	0.1	14	2
Magnesium (Mg)	ND	ND	ND	ND	1	-	-



Test Item	Result 1 st test mg/kg	Result 2 nd test mg/kg	Result 1 st test+Result 2 nd test mg/kg	Result 3 rd test mg/kg	Reporting Limit mg/kg	7*Limit mg/kg	Limit mg/kg
Titanium (Ti)	ND	ND	ND	ND	1	-	-

Remarks:

ND = Not detected

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 1st test + Result 2nd test < 7 * limit) and the Result 3rd 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 dm² : 140 mL.

Overall Migration Test for Coatings

With reference to Council Europe Resolution AP (2004) 1 on coatings intended to come into contact with foodstuffs, selection of test condition & food simulants by Commission Regulation (EU) No. 10/2011 and its amendments.

Test condition :

Tested component	Food simulant	Time(day)	Temperature(°C)
(1)	10% (v/v) Ethanol	10	40

Test result :

Test Item	Result					Units	D.L.	Limit
	1	-	-	-	-			
10% (v/v) Ethanol	ND	-	-	-	-	mg/kg	10	60

Remarks:

D.L. = Detection Limit

ND = Not Detected (Less than detection limit)

Ratio of food contact surface area to volume of component (1) used to establish the compliance of material or article = 1 dm² : 151 mL.

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

Specific Migration of Bisphenol A Test for Plastic Food Contacting Materials/Articles

As per Commission Regulation (EU) No.10/2011 and DD CEN/TS 13130-13:2005.

Test condition:

Food simulant	Time(day)	Temperature(°C)
10% (v/v) Ethanol	10	40

Test result:



Food simulant	Result					Units	D.L.	Limit
	1	-	-	-	-			
10% (v/v) Ethanol	ND	-	-	-	-	mg/kg	0.01	0.05

Remarks:

D.L. = Detection Limit

ND = Not detected

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

COMPONENT LIST

No.	Test Component Description(s)
(1)	Silver color metal with light gold color coating (lid, inner of body).

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. Full details of our agreed decision rules and the associated risk can be viewed: <https://www.intertek.com.cn/diypage/upload/SZ-AP15-HLS-QA.pdf>.

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.

