



TEST REPORT

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REPORT No.: CTB26050608401C01

Applicant's name:

SHENZHEN YY TECHNOLOGY CO.,LTD

Address:

F3 BUILDING B, YUANLING, HONGXING INDUSTRIAL PARK, SHIYAN TOWN,
BAOAN DISTRICT, SHENZHEN 518108 CHINA

Manufacturer:

SHENZHEN YY TECHNOLOGY CO.,LTD

Address:

F3 BUILDING B, YUANLING, HONGXING INDUSTRIAL PARK, SHIYAN TOWN,
BAOAN DISTRICT, SHENZHEN 518108 CHINA

The following samples were submitted and identified on behalf of the clients as:

Test item description: Tin Box/Tin Can

Trademark(s): /

Model/Type reference: /

Sample received date: May 07, 2026

Testing period: May 07, 2026 to May 13, 2026

Test Method: Please refer to next page(s).

Test Result: Please refer to next page(s).

Tested By:

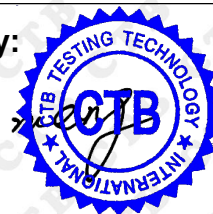
Sophia Wang

Check By:

Mason Shi

Approve By:

Zhaoyang



Date: May 18, 2026

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Result Summary :

Test Requested	Conclusion
In accordance with Regulation (EC) No 1935/2004 and Commission Regulation (EU) 2025/351 amending Annex II to Regulation (EU)10/2011, to determine the submitted sample	
1.Sensory test-taste and odour to the integrate product	PASS
2.Coating integrity	PASS
3.Heavy metal migration test	PASS
4.Overall migration test	PASS

Test method

No.	Test Item		Test Method
1	Sensory test-taste and odour to the integrate product		With reference to DIN 10955-2024-01
2	Coating integrity		AP(2004)1
3	Heavy metal migration		With reference to EN 13130-1:2004
4	Overall migration	3% acetic acid migration	With reference to EN 1186-3:2022
		10% ethanol migration	With reference to EN 1186-3:2022
		20% ethanol migration	With reference to EN 1186-3:2022

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Sample Description:

No.	Description	Photos
1	Grey coating(coating)	
2	Silver metal(Tinplate)	

Note: test samples were specified by applicant.

1. Sensorial Examination odour and taste

Test Item(s)	Limit	Test Result	
		1	2
Sensorial Examination odour (Point scale)	2.5	0	0
Sensorial Examination taste (Point scale)	2.5	0	0
Conclusion	---	PASS	PASS

Note:

Grade evaluation:

0= no discernible deviation

1= barely discernible deviation

2= weak deviation

3= clear deviation

4= strong deviation

-This sensory test is carried out in accordance with German standards and meets the general requirements for sensory inertness stipulated in Article 3 of (EC) No 1935/2004.

2.Coating integrity

The simulated solution used	Test condition	Maximum Limit	Test Result
			1
3% acetic acid	70℃, 2h	No visible peeling	No visible peeling was observed
10% ethanol	70℃, 2h	No visible peeling	No visible peeling was observed
20% ethanol	70℃, 2h	No visible peeling	No visible peeling was observed
Conclusion	--	--	PASS

Shenzhen CTB Testing Technology Co., Ltd.

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3. Heavy metal migration

Test condition: 3% acetic acid, 70°C, 2h

Test sample	2				MDL
Test Item(s)	Test Result		Requirement		
	1 st + 2 nd extractives (mg/kg)	3rd extractive (mg/kg)	7×SRL (mg/kg)	SRL (mg/kg)	
Barium (Ba)	N.D.	N.D.	8.4	1.2	0.3
Copper (Cu)	N.D.	N.D.	28	4	1
Iron (Fe)	N.D.	N.D.	280	40	5
Tin (Sn)	N.D.	N.D.	700	100	5
Chromium (Cr)	N.D.	N.D.	1.75	0.25	0.05
Manganese (Mn)	N.D.	N.D.	12.6	1.8	0.1
Zinc (Zn)	N.D.	N.D.	35	5	0.5
Aluminium (Al)	N.D.	N.D.	35	5	0.5
Lithium (Li)	N.D.	N.D.	0.336	0.048	0.01
Beryllium (Be)	N.D.	N.D.	0.07	0.01	0.005
Vanadium (V)	N.D.	N.D.	0.07	0.01	0.01
Nickel (Ni)	N.D.	N.D.	0.98	0.14	0.05
Cobalt (Co)	N.D.	N.D.	0.14	0.02	0.01
Arsenic (As)	N.D.	N.D.	0.014	0.002	0.002
Molybdenum (Mo)	N.D.	N.D.	0.84	0.12	0.05
Silver (Ag)	N.D.	N.D.	0.56	0.08	0.03
Cadmium (Cd)	N.D.	N.D.	0.035	0.005	0.001
Antimony (Sb)	N.D.	N.D.	0.28	0.04	0.02
Mercury (Hg)	N.D.	N.D.	0.021	0.003	0.002
Thallium (Tl)	N.D.	N.D.	0.0007	0.0001	0.0001
Lead (Pb)	N.D.	N.D.	0.07	0.01	0.005
Magnesium (Mg)	N.D.	N.D.	--	--	--
Titanium (Ti)	N.D.	N.D.	--	--	--
Zirconium (Zr)	N.D.	N.D.	14	2	0.2
Conclusion	PASS				

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Test Item(s)	Test Condition	Unit	Limit	MDL	Test Result		
					1		
					1 st Migration	2 nd Migration	3 rd Migration
Barium(Ba)	3% acetic acid, 70°C, 2h	mg/kg	1	0.5	N.D	N.D	N.D
Cobalt(Co)		mg/kg	0.05	0.01	N.D	N.D	N.D
Copper(Cu)		mg/kg	5	0.02	N.D	N.D	N.D
Iron(Fe)		mg/kg	48	5	N.D	N.D	N.D
Lithium(Li)		mg/kg	0.6	0.02	N.D	N.D	N.D
Manganese(Mn)		mg/kg	0.6	0.1	N.D	N.D	N.D
Zinc(Zn)		mg/kg	5	0.5	N.D	N.D	N.D
Aluminum(Al)		mg/kg	1	0.5	N.D	N.D	N.D
Nickel(Ni)		mg/kg	0.02	0.01	N.D	N.D	N.D
Antimony(Sb)		mg/kg	0.04	0.01	N.D	N.D	N.D
Arsenic(As)		mg/kg	0.01	0.01	N.D	N.D	N.D
Cadmium(Cd)		mg/kg	0.002	0.002	N.D	N.D	N.D
Calcium(Ca)		mg/kg	--	--	N.D	N.D	N.D
Chromium(Cr)		mg/kg	0.01	0.01	N.D	N.D	N.D
Europium(Eu)		mg/kg	0.05	0.02	N.D	N.D	N.D
Gadolinium(Gd)		mg/kg	0.05	0.02	N.D	N.D	N.D
Lanthanum(La)		mg/kg	0.05	0.02	N.D	N.D	N.D
Lead(Pb)		mg/kg	0.01	0.01	N.D	N.D	N.D
Magnesium(Mg)		mg/kg	--	--	N.D	N.D	N.D
Mercury(Hg)		mg/kg	0.01	0.01	N.D	N.D	N.D
Potassium(K)		mg/kg	--	--	N.D	N.D	N.D
Sodium(Na)		mg/kg	--	--	N.D	N.D	N.D
Terbium(Tb)		mg/kg	0.05	0.02	N.D	N.D	N.D
Ammonium		mg/kg	--	--	N.D	N.D	N.D
Conclusion	---	---	---	---	PASS	PASS	PASS

Note:

- mg/kg = milligram per kilogram = ppm
- MDL = Method Detection Limit

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- N.D = Not Detected (less than MDL)
- compliance is based on the results of the third test for products intended for repeated use. In addition, the sum of each elements in the first and second test should not exceed the sevenfold of the limit.

3. Overall migration

Test Item(s)	Unit	Limit	MDL	Test Result		
				1		
				1 st Migration	2 nd Migration	3 rd Migration
3% acetic acid, 70°C, 2h	mg/dm ²	10	3	N.D	N.D	N.D
10% ethanol, 70°C, 2h	mg/dm ²	10	3	N.D	N.D	N.D
20% ethanol, 70°C, 2h	mg/dm ²	10	3	N.D	N.D	N.D
Conclusion				PASS		

Test Item(s)	Unit	Limit	MDL	Test Result		
				2		
				1 st Migration	2 nd Migration	3 rd Migration
3% acetic acid, 70°C, 2h	mg/dm ²	10	3	N.D	N.D	N.D
10% ethanol, 70°C, 2h	mg/dm ²	10	3	N.D	N.D	N.D
20% ethanol, 70°C, 2h	mg/dm ²	10	3	N.D	N.D	N.D
Conclusion				PASS		

Note:

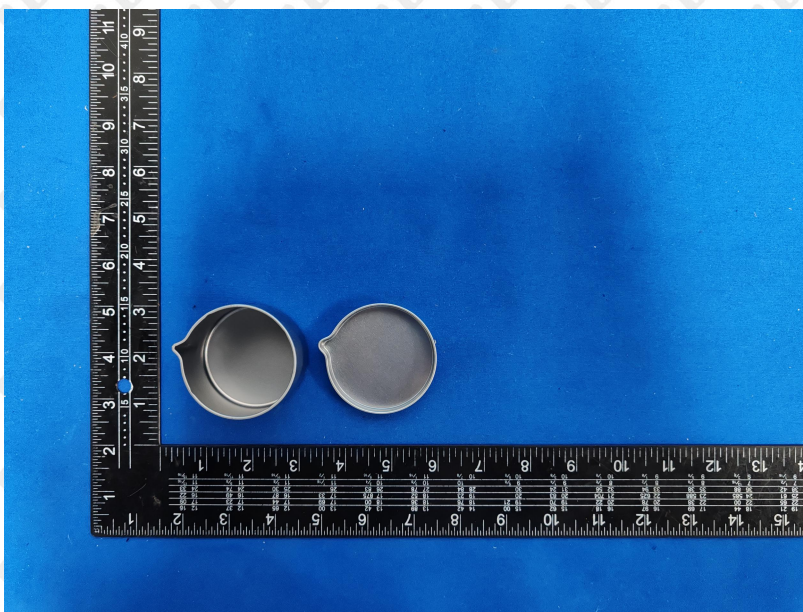
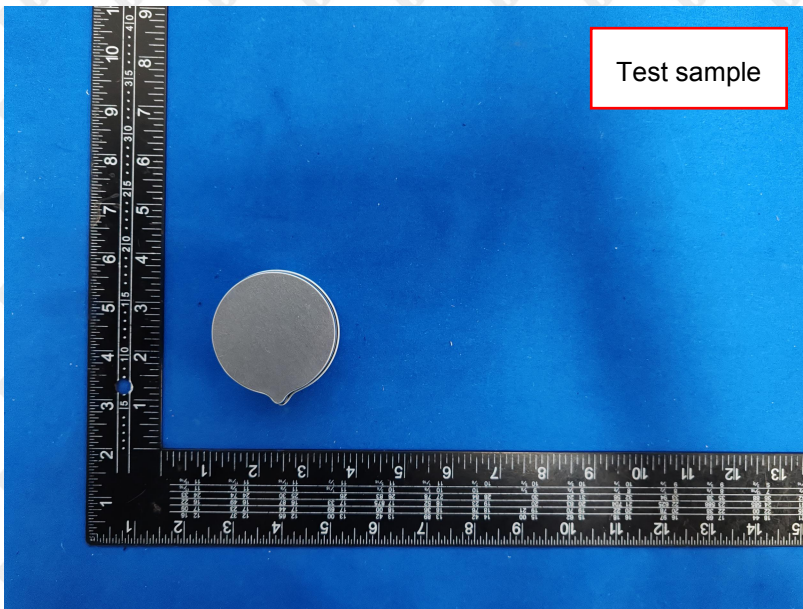
- mg/kg = Milligram per kilogram
- % = Percentage by weight
- °C = Centigrade
- h = hour
- N.D = not detected

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Photo documentation



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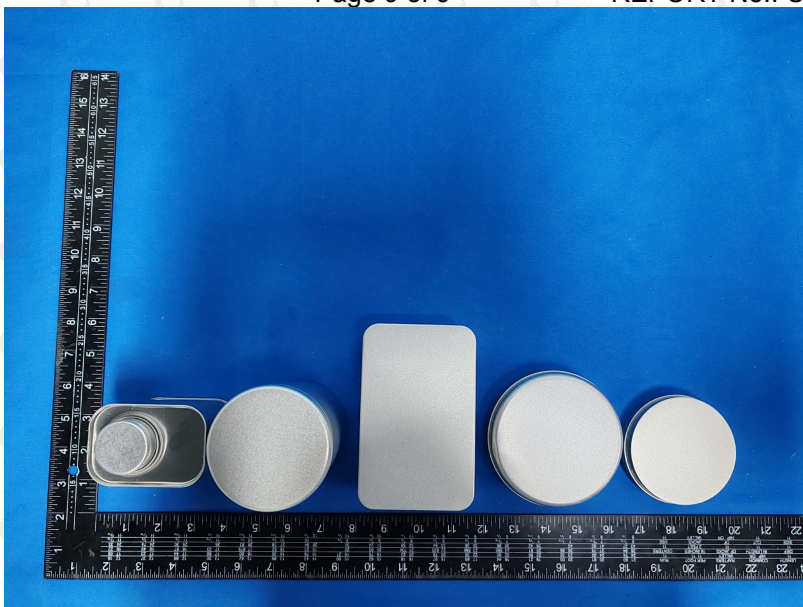
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*** End of Report ***

Note: If there is any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. The tested sample(s) and the sample information are provided by the applicant. The authenticity, accuracy, and completeness of the provided information are the sole responsibility of the applicant. Without written approval of Shenzhen CTB Testing Technology Co., Ltd. this report can't be reproduced except in full. The result decision rules of our laboratory are based solely on the direct comparison between the actual measured values of test results and the standard limits, without considering the measurement uncertainty. "★" indicates the testing items were fulfilled by subcontracted lab. "※" indicates the items are not in CNAS accreditation scope.

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