Report No.: B2509TR90168-02S Date: Sep. 25, 2025

Test Report

Applicant:	ANHUI HONYI INTERNATIONAL CORP
Address:	B-2106, BUSINESS BLDG., WOYE GARDEN, GANQUAN RD.,SHUSHAN DISTRICT,HEFEI，CHINA

Report on the submitted sample(s) said to be:

Sample Name:	Suction & Delivery Hose
Trade Mark:	- -
Manufacturer:	ANHUI HONYI INTERNATIONAL CORP
Address:	B-2106, BUSINESS BLDG., WOYE GARDEN, GANQUAN RD.,SHUSHAN DISTRICT,HEFEI，CHINA
Sample Description:	Please refer to the following page(s).
Sample model:	KL02066
Sample Model No.:	KL02066, KL02073,KL02080,KL02097,KL30465,KL30564,KL30571,KL39055
Received Date:	Sep. 17, 2025
Testing Period:	Sep. 17, 2025 ~Sep. 25, 2025
Test Requested:	In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 to perform the following tests: 1.Sensorial examination of odour and taste 2.Overall migration 3.Specific Migration of Lead and Cadmium 4.Lead and Cadmium 5.Specific Migration of Heavy Metal 6.Migration of heavy metal contents for metal in contact with foodstuffs
Test Method:	Please refer to the following page(s).
Test Result:	Please refer to the following page(s).

Checked by

Vivi Dong

Vivi Dong

Signed for and on behalf of BORY

Usher Kuang

Usher

Laboratory Manager

Test Report

Sample Description Assigned by Laboratory:

Test Item	Description	Client Claimed Material
001	Plastic enclosure	EPDM
002	Body of suction & Delivery Hose	SS 304

1. Sensorial examination of odour and taste

Test method: With reference to DIN 10955. The submitted sample was filled with distilled water and operated at it's maximum power for 1 hours. After this treatment, treated water was examined by panels with regard to any divergence in smell and taste.

Migration condition: 40 ℃ for 10 days

Test Simulant: Water

The number of panelists: 6

Test Results:

Testing Parameter	Grading Result		Recommended Level	Comment
	001	002		
Sensorial examination odour	1.0	1.0	2.5	Pass
Sensorial examination taste	1.0	1.0	2.5	Pass

Remark:

- Available grading are listed as follow:

Grading 0: No perceptible taste/smell deviation;

Grading 1: Just perceptible taste/smell deviation;

Grading 2: Weak taste/smell deviation;

Grading 3: Clear taste/smell deviation;

Grading 4: Strong taste/smell deviation.

2. Overall migration

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation – Overall migration.

Test method:

With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-9:2002 aqueous food simulants by article filling method; or EN 1186-14:2002 substitute test.

Test Report

Test Results:

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of Overall Migration		Comment
				001	002	
3% Acetic Acid (W/V) Aqueous Solution	2.0hr(s)	100℃	10mg/dm²	<3.0mg/dm²	<3.0mg/dm²	Pass
10% Ethanol (V/V) Aqueous Solution	2.0hr(s)	100℃	10mg/dm²	<3.0mg/dm²	<3.0mg/dm²	Pass
95% Ethanol	4.0hr(s)	100℃	10mg/dm²	6.0mg/dm²	6.0mg/dm²	Pass
Isooctane	2.0hr(s)	100℃	10mg/dm²	6.0mg/dm²	6.0mg/dm²	Pass

Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with mg/dm² =milligram per square decimeter
2. °C = degree Celsius

3. Specific Migration of Lead and Cadmium

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation–Lead and Cadmium

Test method: Microwave digestion (GZTC CHEM-TOP-004-01), analysis was performed by ICP-OES..

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 100℃x 0.5hr(s) follow by 40℃x 10day(s)℃

Test Results:

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
				002
Migration times	--	-	-	1st
Area/Volume	--	dm²/kg	-	3.7
Lead	★	mg/kg	0.01	ND
Cadmium	★	mg/kg	0.01	ND
Comment				Pass

Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND= Not Detected(less than MDL)
5. ★= Absent

Test Report

4. Lead and Cadmium

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation–Lead and Cadmium.

Test method: Microwave digestion (GZTC CHEM-TOP-004-01) , analysis was performed by ICP-OES.

Test Results:

Test Item(s)	Limit	Unit	MDL	Test result	Comment
				002	
Lead	★	mg/kg	2	1st	Pass
Cadmium	★	mg/kg	2	ND	Pass

Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)
4. ★= Absent

5. Specific Migration of Heavy Metal

Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Specific Migration of Heavy Metal

Test method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN13130-1:2004 for selection of test method, analysis was performed by ICP-OES.

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 100℃x 0.5hr(s) follow by 40℃x 10day(s)℃

Test Results:

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
				002
Migration times	--	-	-	1st
Area/Volume	--	dm²/kg	-	3.7
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND

Test Report

Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	5	mg/kg	0.5	ND
Aluminum	1	mg/kg	0.1	ND
Nickel	2	mg/kg	0.01	ND
Comment				Pass

Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND= Not Detected(less than MDL)

6. Migration of heavy metal contents for metal in contact with foodstuffs

Test method: Sample preparation in distilled water at 40°C for 10 day(s), followed by analysis using Inductively Coupled Argon Plasma Spectrometry.

Test Results:

Test Item(s)	Unit	Result			Seven Times of Maximum Specific Release Limit(s) (SRLs)[a, b]
		002			
		1st Migrate	2nd Migrate	Sum of 1st & 2nd Migrate[a]	
Envelope volume	cm^3	125	125	--	
Volume of stimulant used	mL	125	125	--	
Aluminum (Al)	mg/kg	<0.1	<0.1	<0.1	35
Iron (Fe)	mg/kg	<5	<5	<5	280
Magnesium (Mg)	mg/kg	<0.5	<0.5	<0.5	-
Manganese (Mn)	mg/kg	<0.1	<0.1	<0.1	12.6
Molybdenum (Mo)	mg/kg	<0.01	<0.01	<0.01	0.84
Silver (Ag)	mg/kg	<0.01	<0.01	<0.01	0.56
Tin (Sn)	mg/kg	<5	<5	<5	700
Titanium (Ti)	mg/kg	<0.5	<0.5	<0.5	-
Vanadium (V)	mg/kg	<0.002	<0.002	<0.002	0.07
Zinc (Zn)	mg/kg	<1	<1	<1	35
Arsenic (As)	mg/kg	<0.001	<0.001	<0.001	0.014
Barium (Ba)	mg/kg	<0.1	<0.1	<0.1	8.4
Beryllium (Be)	mg/kg	<0.001	<0.001	<0.001	0.07
Lithium (Li)	mg/kg	<0.01	<0.01	<0.01	0.336

Test Report

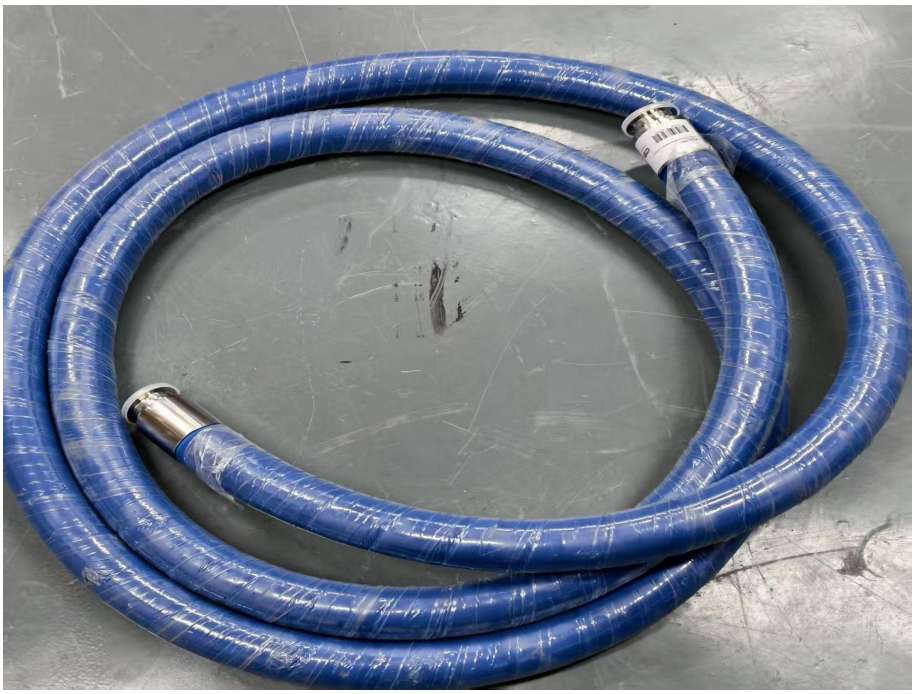
Mercury (Hg)	mg/kg	<0.0004	<0.0004	<0.0004	0.021
Thallium (Tl)	mg/kg	<0.00005	<0.00005	<0.00005	0.0007
Extractable Lead	mg/kg	<0.002	<0.002	<0.002	0.7
Extractable Cadmium	mg/kg	<0.001	<0.001	<0.001	0.035
Extractable Chromium	mg/kg	<0.1	<0.1	<0.1	1.75
Extractable Nickel	mg/kg	<0.02	<0.02	<0.02	0.98
Extractable Copper	mg/kg	<0.5	<0.5	<0.5	28
Extractable Antimony	mg/kg	<0.004	<0.004	<0.004	0.28
Extractable Cobalt	mg/kg	<0.005	<0.005	<0.005	0.14
Comment		Pass	Pass	Pass	--

Note:

1. [a] denotes as this (these) maximum specific release limit(s) was (were) referenced from Metals and Alloys used in Food Contact Materials and articles - A Practical Guide to Manufacturers and Regulators (2013 1st Edition) published by European Directorate for the Quality of Medicines and HealthCare (EDQM), Chapter 1, Article 4, Tables 1 and 2.
2. Appropriate test condition(s) was (were) selected according to Guidelines on Testing Conditions for Articles in Contact with Foodstuffs (With a Focus on Kitchenware) (2009 1st Edition) published by European Commission Joint Research Center (JRC).
3. [b] denotes as the sum of the results of the first and second migrates should not be exceed seven times the SRL
4. Selected test was specified by client.

Test Report

The photo of the sample



***End ***