



# Test Report

Report No.: CCL250208106E

Report Date: Feb. 11, 2025

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**Applicant** : Dongguan Yiwei Plastic Company Ltd  
**Address** : Room 303, No.12, Baidi Baifeng 2nd Street, Zhangmutou Town, Dongguan City,  
Guangdong Province

## The Submitted Sample Said To Be

**Sample Name** : Packing bag  
**Manufacturer** : Dongguan Yiwei Plastic Company Ltd  
**Date of Sample Received** : Feb. 08, 2025  
**Test Period** : Feb. 08, 2025 ~ Feb. 11, 2025

**Test Conducted** : As requested by the applicant, refer to following page(s) for details.

Signed for and on behalf of  
Compliance Control Lab (Dongguan) CO., LTD.

Prepared by:

Nell

Reviewed by:

Peng

Approved by:

Bensen

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## Executive Summary:

<u>Tested sample(s)</u>	<u>Standard</u>	<u>Conclusion</u>
Tested components of submitted sample	Regulation (EC) No 1935/2004 & Commission Regulation (EU) No 10/2011 and amendment directive (EU) 2020/1245 & German Food, Articles of Daily Use and Feed Code of September 1,2005(LFGB) section 30 & 31 with amendments	--
	Sensorial examination odour and taste test	Pass
	Overall migration	Pass
	Specific migration of heavy metal elements	Pass
	Polycyclic Aromatic Hydrocarbons (PAHs) contents	Pass
	Bisphenol A (BPA) content	Pass
	Total Lead and Cadmium contents	Pass

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## Test Results:

### Sensorial examination odour and taste test

Test Method: Robinson's test with reference to DIN 10955:2024.

Test Items	Maximum Permissible Limit	Test result
		1
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0

Note: 0 = No discernible deviation  
1 = Barely discernible deviation  
2 = weak deviation  
3 = Clear deviation  
4 = Strong deviation

## Overall migration

Test Method: EN 1186-1:2002 & EN 1186-3:2022.

Test Items	Unit	RL	Limit	Test result
				1
Overall migration in 3% acetic acid (w/v) (40°C, 2 h)	mg/dm <sup>2</sup>	3	10	N.D.
Overall migration in 10% ethanol (v/v) (40°C, 2 h)	mg/dm <sup>2</sup>	3	10	N.D.
Overall migration in isooctane (40°C, 0.5 h)	mg/dm <sup>2</sup>	3	10	N.D.

### Note:

1. mg/dm<sup>2</sup> = milligram per square decimeter
2. RL = report limit
3. N.D.= not detected (less than RL)

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## Test Results:

### Specific migration of heavy metal elements

Test Method: To refer to the In-house method, the analysis was performed by ICP-MS.

Test Condition: 3% acetic acid, 40°C, 2h

Test Items	Unit	RL	Limit	Test result
				1
Aluminum (Al)	mg/kg	0.1	1	N.D.
Antimony (Sb)	mg/kg	0.01	0.04	N.D.
Arsenic (As)	mg/kg	0.01	Not Detected	N.D.
Barium (Ba)	mg/kg	0.1	1	N.D.
Cadmium (Cd)	mg/kg	0.002	Not Detected	N.D.
Chromium (Cr)	mg/kg	0.01	Not Detected	N.D.
Cobalt (Co)	mg/kg	0.01	0.05	N.D.
Copper (Cu)	mg/kg	0.5	5	N.D.
Europium (Eu)	mg/kg	0.01	0.05	N.D.
Gadolinium (Gd)	mg/kg	0.01	0.05	N.D.
Iron (Fe)	mg/kg	2	48	N.D.
Lanthanum (La)	mg/kg	0.01	0.05	N.D.
Lead (Pb)	mg/kg	0.01	Not Detected	N.D.
Lithium (Li)	mg/kg	0.1	0.6	N.D.
Manganese (Mn)	mg/kg	0.1	0.6	N.D.
Mercury (Hg)	mg/kg	0.01	Not Detected	N.D.
Nickel (Ni)	mg/kg	0.02	0.02	N.D.
Terbium (Tb)	mg/kg	0.01	0.05	N.D.
Zinc (Zn)	mg/kg	0.5	5	N.D.

### Note:

1. mg/kg = part per million = ppm
2. RL = report limit
3. N.D.= not detected (less than RL)

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## Test Results:

### Polycyclic Aromatic Hydrocarbons (PAHs) contents

Test Method: To refer to AfPS GS 2019:01 PAK, the analysis was performed by GC / MS.

Test Items	CAS No.	Unit	RL	Test result
				1
Benzo[a]pyrene(BaP)	50-32-8	mg/kg	0.2	N.D.
Benzo[e]pyren(BeP)	192-97-2	mg/kg	0.2	N.D.
Benzo[a]anthracene(BaA)	56-55-3	mg/kg	0.2	N.D.
Benzo[b]fluoranthene(BbF)	205-99-2	mg/kg	0.2	N.D.
Benzo[j]fluoranthene(BjF)	205-82-3	mg/kg	0.2	N.D.
Benzo[k]fluoranthene(BkF)	207-08-9	mg/kg	0.2	N.D.
Chrysene(CHR)	218-01-9	mg/kg	0.2	N.D.
Dibenzo[a,h]anthracene(DBA)	53-70-3	mg/kg	0.2	N.D.
Benzo[g,h,i]perylene(BPE)	191-24-2	mg/kg	0.2	N.D.
Indeno[1,2,3-cd]pyrene(IPY)	193-39-5	mg/kg	0.2	N.D.
Phenanthrene(PHE)	85-01-8	mg/kg	0.2	N.D.
Pyrene(PYR)	129-00-0	mg/kg	0.2	N.D.
Anthracene(ANT)	120-12-7	mg/kg	0.2	N.D.
Fluoran-thene(FLT)	206-44-0	mg/kg	0.2	N.D.
Sum <sup>#</sup> of Phenanthrene, Pyrene, Anthracene, Fluoranthene	---	mg/kg	---	N.D.
Naphthalene(NAP)	91-20-3	mg/kg	0.2	N.D.
Total of above PAHs (sum) <sup>#</sup>	---	mg/kg	---	N.D.

#### Note:

1. mg/kg = milligram per kilogram (ppm)
2. RL = report limit
3. N.D.= not detected(less than RL)
4. “#” = Only those PAH components which present in the material over the 0.2 mg/kg are taken into account while calculating the sum of PAHs
5. All the materials tested belong to category 2b by identifying.

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## Appendix

Limit of PAH content according to AfPS GS 2019:01 PAK.

Parameter	Category 1 Materials intended to be placed in the mouth, or materials in toys (Directive 2009/48/EC) or articles for children up to 3 years of age with intended long-term skin contact (> 30 seconds)	Category 2 Materials that are not in Category 1, with intended or foreseeable long-term skin contact (> 30 seconds) or short-term repetitive contact with the skin		Category 3 Materials not covered by Category 1 or 2, with intended or foreseeable short-term skin contact (≤ 30 seconds)	
		2a. Use by children under 14	2b. Other consumer products	3a. Use by children under 14	3b. Other consumer products
Benzo[a]pyrene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyren (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]anthracene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[j]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo[a,h]anthracene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-cd]pyrene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene, Pyrene, Anthracene, Fluoranthene (mg/kg)	< 1 (Sum)	< 5 (Sum)	< 10 (Sum)	< 20 (Sum)	< 50 (Sum)
Naphthalene (mg/kg)	< 1	< 2		< 10	
Sum 15 PAHs (mg/kg)	< 1	< 5	< 10	< 20	< 50

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## Test Results:

### Bisphenol A (BPA) content

Test Method: To refer to US EPA 3550C:2007, the analysis was performed by LC-MS.

Test Items	Unit	RL	Limit	Test result
				1
Bisphenol A (BPA)	mg/kg	0.1	Absent	N.D.

#### Note:

1. mg/kg = part per million = ppm
2. RL = report limit
3. N.D.= not detected (less than RL)

### Total Lead and Cadmium contents

Test Method: To refer to US EPA 3052:1996, the analysis was performed by ICP-OES.

Test Items	Unit	RL	Limit	Test result
				1
Lead (Pb)	mg/kg	2	Absent	N.D.
Cadmium (Cd)	mg/kg	2	Absent	N.D.

#### Note:

1. mg/kg = part per million = ppm
2. RL = report limit
3. N.D.= not detected (less than RL)

## Tested Materials:

No.	Description
1	Transparent plastic film

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## Photo Appendix



\*\*\* End of Report \*\*\*

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