



Test Report

Report No.: THFJ24010454006EN

Job No.: 54006

Date: January 17, 2024

The following information was/were submitted and identified by/on behalf of the client:

Applicant : Xiamen Fujin New Materials Co., Ltd
Address : 5th Floor, Siming Industrial Park, No. 25 Meixi Road, Xike Town, Tong'an District,
Xiamen City
Sample Name : Pe bag
Sample Model : /
Exported to : Europe U.S.A
Country of Origin : China
Sample Receive Date : January 05, 2024
Sample Testing Period : January 05, 2024---January 17, 2024
Test Result Summary :

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

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Overall Migration	Commission Regulation (EU) No. 10/2011 and its amendment Commission Regulation (EU) 2020/1245	PASS
Specific Migration of Heavy Metals	Commission Regulation (EU) No. 10/2011 and its amendment Commission Regulation (EU) 2020/1245	PASS
Bisphenol A (BPA) content	Commission Regulation EU No. 10/2011 and its amendment Commission Implementing Regulation (EU) 2018/213	PASS

Authorized Signature  on behalf of
Shanghai Global Testing Services Co., Ltd.

Shi Lei/Kevin
General Manager -GTS/SHO

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This report is only responsible for the tested sample(s) from the client, the testing result(s) is used for scientific research, teaching or internal quality control. Without the writing agreement of the company, the client is not allowed to copy the report in part(entire copy is excepted).

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Test Result(s):

Test Sample Description:

Sample No.	Client Claimed Material	Material Description
<u>01</u>	PE	Transparent plastic bag

1. 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 conditions and EN 1186- 1:2002 for selection of test methods;
EN 1186-3:2022 Test methods for overall migration in evaporable stimulants
EN 1186-2:2022 Test methods for overall migration in vegetable oils

<u>Simulant used</u>	<u>Test condition</u>	<u>Limit (mg/dm²)</u>	<u>Result(s) (mg/dm²)</u>
			<u>01</u>
			<u>1st Migration</u>
10% Ethanol (V/V) Aqueous Solution	10 days at 40°C	10	< 3.0
3% Acetic Acid (W/V) Aqueous Solution	10 days at 40°C	10	< 3.0
Rectified Olive Oil	10 days at 40°C	10	< 3.0
<u>Conclusion(s)</u>			PASS

- Note:**
1. mg/dm² = milligram per square decimeter of sample;
 2. "<" = less than;
 3. Analytical tolerances of aqueous food simulants is 2 mg/dm² ;
 4. Analytical tolerances of fatty foodsimulants is 3 mg/dm² ;
 5. The test condition was assigned by client.



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2. Specific Migration of Heavy Metals

Test Method: With reference to Commission Regulation (EU) No. 10/2011 of 14 January 2011 Annex III and Annex V for selection of conditions and EN 13130-1:2004 for selection of test methods, followed by analysis was performed by ICP-MS.

<u>Sample No.</u>	<u>01</u>		
<u>Simulant used</u>	3% Acetic Acid (W/V) Aqueous Solution		
<u>Test condition</u>	10 days at 40°C		
<u>Test Items</u>	<u>Limit (mg/kg)</u>	<u>RL (mg/kg)</u>	<u>Result(s) (mg/kg)</u>
			<u>1st Migration</u>
Aluminium(Al)	1	0.1	N.D.
Antimony(Sb)	0.04	0.01	N.D.
Arsenic(As)	N.D.	0.01	N.D.
Barium(Ba)	1	0.1	N.D.
Cadmium(Cd)	N.D.	0.002	N.D.
Total Chromium(Cr)	N.D.	0.01	N.D.
Cobalt(Co)	0.05	0.01	N.D.
Copper(Cu)	5	0.1	N.D.
Iron(Fe)	48	0.1	N.D.
Lead(Pb)	N.D.	0.01	N.D.
Lithium(Li)	0.6	0.1	N.D.
Manganese(Mn)	0.6	0.1	N.D.
Mercury(Hg)	N.D.	0.01	N.D.
Nickel(Ni)	0.02	0.01	N.D.
Zinc(Zn)	5	0.1	N.D.
Europium(Eu)	-	0.01	N.D.
Gadolinium(Gd)	-	0.01	N.D.
Lanthanum(La)	-	0.01	N.D.
Terbium(Tb)	-	0.01	N.D.
Sum of Lanthanide substances	0.05	0.01	N.D.
<u>Conclusion(s)</u>			PASS

- Note:**
1. mg/kg = milligram per kilogram food simulant;
 2. "<" = less than;
 3. The test condition was assigned by client.



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3. Bisphenol A (BPA) content

Test Method: Solvent extraction, analysis was performed by GC-MS

Ref. Std.: US EPA 3550C:2007, US EPA 8270E:2018

<u>Sample No.</u>	<u>Unit</u>	<u>Limit</u>	<u>MDL</u>	<u>Result(s)</u>
<u>01</u>	mg/kg	Absent	0.10	N.D.
<u>Conclusion(s)</u>				PASS

Note:

1. 0.1% = 1000mg/kg, milligram per kilogram sample;
2. MDL = Method Detection Limit;
3. N.D. = Not Detected (<MDL).

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Sample Photo(s):



End of Report