Test Report

Applicant: ENOLANDIA SRL

Address: VIA DELLA FONDERIA 1A & 1B - 43036 FIDENZA - PR

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

Sample Name: COTTON MESH BAG

Trade Mark: N/A

Sample Description: HOP FILTER MESH BAG

Sample model: Art. 00198

Sample Model No.: --

Sample Received Date: Aug. 13, 2024

Testing Period: Aug. 02, 2024 ~ Aug. 12, 2024

Test Requested: As specified by client, with reference to Italian Official Gazette (G.U.) DMH 21 March 1973 with amendments DM 21/12/2010 No 258.and Italian Official Gazette (G.U.) DM 18 April 2007, n.76 and Regulations (EC) No 1935/2004 with amendments.
- Overall migration test
- Specific Migration of Metal
- Specific Migration of Primary Aromatic Amines Test

Test Method: Please refer to the following page(s).

Test Result: Please refer to the following page(s).

Checked by

Vivian Liang

Vivian Liang

Signed for and on behalf of BORY

Usher Kuang

Usher Kuang
Laboratory Manager

Shenzhen Bory Technology Service Co., Ltd. Approved

Test Report

No.	Sample Description	Material (Claimed by the client)
01	COTTON MESH BAG	COTTON

1. Overall migration test

Test Method: With reference to EN 1186-1:2002 for selection of conditions and test methods;
EN 1186-3:2022 evaporable simulants method.

Conclusion: Italian Official Gazette (G.U.) DMH 21 March 1973 with amendments
COMMISSION REGULATION (EU) No 10/2011 and its amendments

Test Results:

Simulant used	Test condition/ Equipment	MDL (mg/dm^2)	Result (mg/dm^2)	Maximum Permissible Limit (mg/dm^2)
			01	
10% (v/v) ethanol	70℃, 2h ICP-OES	3.0	N.D.	10
3% (w/v) acetic acid		3.0	N.D.	10
20% ethanol		3.0	N.D.	10

Note: 1. mg/dm^2= milligram per square decimeter
2. ℃ = degree Celsius
3. < = less than.

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2. Specific Migration of Metal

Test Method: With reference to EN13130-1:2004, analysis was performed by ICP-OES

Conclusion: Italian Official Gazette (G.U.) DMH 21 March 1973 with amendments
COMMISSION REGULATION (EU) No 10/2011 and its amendments

Test Results:

Test Item	Test condition/ Equipment	MDL (mg/kg)	Result (mg/kg)	Maximum Permissible Limit (mg/kg)
			01	
Barium (Ba)	3% Acetic Acid (W/V) Aqueous Solution, 70℃, 2h ICP-OES	0.25	N.D.	1
Cobalt (Co)		0.01	N.D.	0.05
Copper (Cu)		0.25	N.D.	5
Iron (Fe)		0.25	N.D.	48
Lithium (Li)		0.5	N.D.	0.6
Manganese (Mn)		0.25	N.D.	0.6
Zinc (Zn)		0.5	N.D.	5
Aluminum (Al)		0.1	N.D.	1
Nickel (Ni)		0.01	N.D.	0.02
Conclusion		/	Pass	/

Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

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3. Specific Migration of Primary Aromatic Amines Test

Test Method: Sample preparation with reference to EN 13130-1: 2004 with selection of simulant and condition, followed by analysis by UV.

Conclusion: Italian Official Gazette (G.U.) DMH 21 March 1973 with amendments
COMMISSION REGULATION (EU) No 10/2011 and its amendments

Test Results:

Simulant used	Test condition/ Equipment	MDL (mg/kg)	Result (mg/kg)	Maximum Permissible Limit (mg/kg)
			01	
3% (w/v) acetic acid	70℃, 2h UV	0.01	N.D.	0.01

Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with
2. ℃ = degree Celsius
3. < = less than.

Test Report

The photo of the sample



***End ***

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