

Test Report

Report No. : AGC05443241223-001

SAMPLE NAME : Reusable food bag

MODEL NAME : MO9865

APPLICANT : MID OCEAN BRANDS B.V.

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : Jan. 06, 2025

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Applicant : MID OCEAN BRANDS B.V.
Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.
Test Site : 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

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

Sample Name : Reusable food bag
Model : MO9865
Vendor code : 111903
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : Dec. 31, 2024
Testing Period : Dec. 31, 2024 to Jan. 06, 2025
Test Requested : Selected test(s) as requested by client.

Test Requested:**Conclusion**

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 63
- Lead(Pb) Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 43
- Aromatic Amines Azodyes (AZO) Content

Pass

- Colour fastness to rubbing

Pass

Regulation 1935/2004/EC, Regulation(EU) No 10/2011 and its amendment Regulation (EU) 2020/1245 and Council of Europe Resolution AP(2004)5

- Formaldehyde on textile

Pass

- PCP, TeCP and TriCP

Pass

- Organotin (TBT, TPhT, DBT, DOT)

Pass

Approved by:

Suhongliang, Leon

Technical Director

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Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jan. 06, 2025	Valid	Initial release

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The photo of the sample

The photo of AGC05443241223-001 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1+1-2+1-3	Off-white main fabric+Off-white mesh+Off-white rope
1-1	Off-white main fabric
1-2	Off-white mesh
1-3	Off-white rope

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Test Results:

Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019/CNAS-GL015:2022.

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 63**- Lead(Pb) Content**

Test Methods and Equipment: IEC 62321-5:2013; ICP-OES

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-1+1-2+1-3
Lead(Pb)	mg/kg	500	10	N.D.
Conclusion			Conformity	

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-1+1-2+1-3

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 43**- Aromatic Amines Azodyes (AZO) Content**

Test Methods and Equipment: EN ISO 14362-1:2017; GC-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-1+1-2+1-3
4-Aminobiphenyl CAS:92-67-1	mg/kg	30	5	N.D.
Benzidine CAS:92-87-5	mg/kg	30	5	N.D.
4-Chloro-o-toluidine CAS:95-69-2	mg/kg	30	5	N.D.
2-Naphthylamine CAS:91-59-8	mg/kg	30	5	N.D.
o-Aminoazotoluene CAS:97-56-3	mg/kg	30	5	N.D.
5-Nitro-o-toluidine CAS:99-55-8	mg/kg	30	5	N.D.
p-Chloroaniline CAS:106-47-8	mg/kg	30	5	N.D.
4-Methoxy-m-phenylenediamine CAS:615-05-4	mg/kg	30	5	N.D.
4,4'-Diaminodiphenylmethane CAS:101-77-9	mg/kg	30	5	N.D.
3,3'-Dichlorobenzidine CAS:91-94-1	mg/kg	30	5	N.D.
3,3'-Dimethoxybenzidine CAS:119-90-4	mg/kg	30	5	N.D.
3,3'-Dimethylbenzidine CAS:119-93-7	mg/kg	30	5	N.D.

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Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-1+1-2+1-3
4,4'-Methylenedi-o-toluidine CAS:838-88-0	mg/kg	30	5	N.D.
p-Cresidine CAS:120-71-8	mg/kg	30	5	N.D.
4,4'-Methylenebis[2-chloroaniline] CAS:101-14-4	mg/kg	30	5	N.D.
4,4'-Oxydianiline CAS:101-80-4	mg/kg	30	5	N.D.
4,4'-Thiodianiline CAS:139-65-1	mg/kg	30	5	N.D.
2-Aminotoluene CAS:95-53-4	mg/kg	30	5	N.D.
2,4-Toluylendiamine CAS:95-80-7	mg/kg	30	5	N.D.
2,4,5-Trimethylaniline CAS:137-17-7	mg/kg	30	5	N.D.
o-Anisidine CAS:90-04-0	mg/kg	30	5	N.D.
4-Aminoazobenzene CAS:60-09-3	mg/kg	30	5	N.D.
Conclusion				Conformity

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-1+1-2+1-3

Note: 4-aminoazobenzene: The EN ISO 14362-1:2017 or ISO 17234-1:2020 methods will enable further cleavage of 4-aminoazobenzene to aniline and / or 1,4-phenylenediamine. If aniline and / or 1,4-phenylenediamine are detected, 4-aminoazobenzene shall be further determined by EN ISO 14362-3:2017 or ISO 17234-2:2011.

- Colour fastness to rubbing

Test Method: ISO 105-X12:2016

Rubbing finger: Cylinder

The time of conditioning as well as the atmospheric conditions during testing: 21.3 °C, 63 %R.H., 4 hrs

The percentage of soak of wet rubbing cloth: 95%~100%

The long direction of the specimen: Endwise/ Crossrange

Test point	Test Result		Conclusion	
	Colour fastness to rubbing / (Grade)			
	Dry rubbing	Wet rubbing		
1-1	4-5	4-5	Conformity	
1-2	4-5	4-5	Conformity	
1-3	4-5	4-5	Conformity	
Limit (Client's Requirement)	$\geq 2-3$	$\geq 2-3$	/	

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Note:

Colour Fastness Grade:

Grade 5 = No Colour Change (Best Grade)

Grade 1 = Colour Change Seriously (Bad Grade)

9 grades in gray sample card: 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, 1.

Regulation 1935/2004/EC, Regulation(EU) No 10/2011 and its amendment Regulation (EU) 2020/1245 and Council of Europe Resolution AP(2004)5

- Formaldehyde on textile

Test point	Test Result		Conclusion	
	Formaldehyde on textile/ (mg/kg)			
	Water, 40°C, 1h			
1-1	N.D.		Conformity	
1-2	N.D.		Conformity	
Limit	Absent		/	
MDL	10		/	

- PCP, TeCP and TriCP

Test Item	Test Method/ Instrument	MDL(mg/kg)	Limit(mg/kg)
Pentachlorophenol (PCP)	ENISO 15320:2011/ GC-MS	0.01	0.05
Tetrachloroguajacol (TeCP)	EPA 3550C:2007&EPA 8270E:2018/ GC-MS	0.01	0.05
Trichloropheno (TriCP)		0.01	0.2

Test point	Test Result (mg/kg)			Conclusion
	PCP	TeCP	TriCP	
1-1	N.D.	N.D.	N.D.	Conformity
1-2	N.D.	N.D.	N.D.	Conformity

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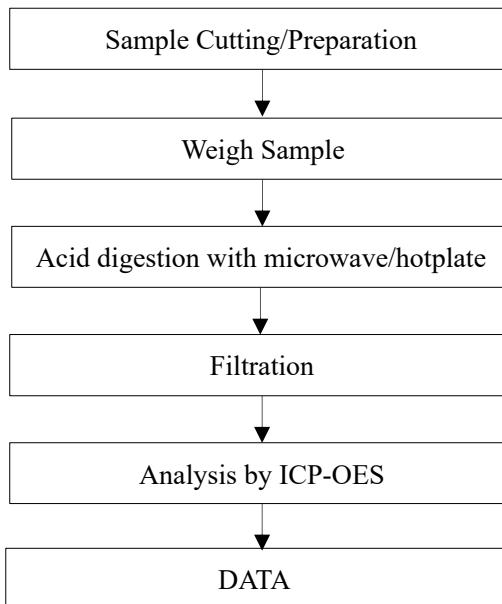
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- Organotin (TBT, TPhT, DBT, DOT)

Test Item	Test Method/ Instrument	MDL(mg/kg)	Limit(mg/kg)
Tributyltin (TBT)	DIN EN ISO 17353:2005/ GC-MS	0.1	0.5
Triphenyltin (TPhT)		0.1	0.5
Dibutyltin (DBT)		0.1	1.0
Dioctyltin (DOT)		0.1	1.0

Test point	Test Result (mg/kg)				Conclusion
	TBT	TPhT	DBT	DOT	
1-1	N.D.	N.D.	N.D.	N.D.	Conformity
1-2	N.D.	N.D.	N.D.	N.D.	Conformity

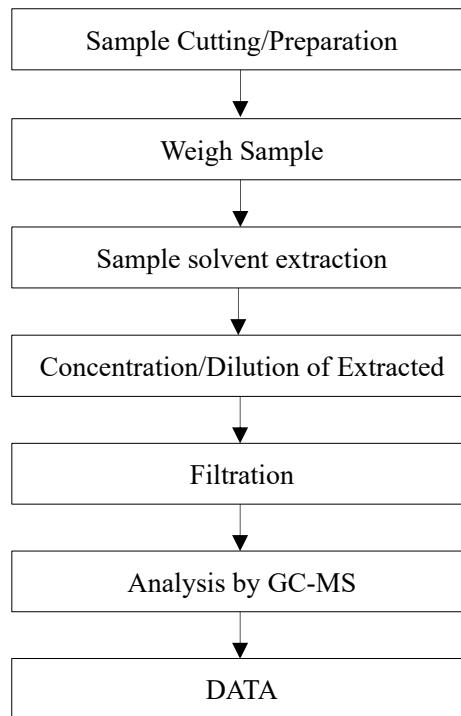
Test Flow Chart of Heavy Metal Content


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Test Flow Chart of AZO

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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***

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