Test Report

Report No. :	AGC05443240534-001

SAMPLE NAME	:	Food bag
MODEL NAME	:	MB9005, MB9006, MB9007, MB9008, MB9009, MB9010, MB9011, MB9012
APPLICANT	:	MID OCEAN BRANDS B.V
STANDARD(S)	:	Please refer to the following page(s).
DATE OF ISSUE	:	May 30, 2024

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.

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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	:	Food bag
Model	:	MB9005, MB9006, MB9007, MB9008, MB9009, MB9010, MB9011, MB9012
Vendor code	:	115732
Country of Origin	:	CHINA
Country of Destination	:	EUROPE
Sample Received Date	:	May 24, 2024
Testing Period	:	May 24, 2024 to May 30, 2024
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
LFGB §64 BVL B 82.02 Part 8 - Pentachlorophenol (PCP), Tetrachloroguajacql (TeCP), Trichloropheno (TriCP) Content	Pass
Regulation 1935/2004/EC, Regulation(EU) No.10/2011	
- Formaldehyde Content	Pass
- Organic tin Content	Pass

Approved by:

Suhongliang, Leon

Technical Director

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Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	May 30, 2024	Valid	Initial release

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The photo of the sample

The photo of AGC05443240534-001 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1+1-2+1-3	Light yellow rope+Light yellow fabric+Light yellow mesh
1-1	Light yellow rope
1-2	Light yellow fabric
1-3	Light yellow mesh

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Test Results:

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

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'-Dimethybenzidine CAS:119-93-7	mg/kg	30	5	N.D.
4,4'-Methylenedi-o-toluidine CAS:838-88-0	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
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: 21.0 ℃, 60 %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)	≥2-3	≥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.

LFGB §64 BVL B 82.02 Part 8

- Pentachlorophenol (PCP), Tetrachloroguajacql (TeCP), Trichloropheno (TriCP) Content

Test Item	Pentachlorophenol (PCP)	Tetrachloroguajacql (TeCP)	Trichloropheno (TriCP)
Limit (mg/kg)	0.05	0.05	0.2
MDL (mg/kg)	0.01	0.01	0.01
Test Method/ Instrument	ENISO 15320-2011/GC-MS		

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

Regulation 1935/2004/EC, Regulation(EU) No.10/2011

- Formaldehyde Content

Test Item	Formaldehyde
Limit (mg/kg)	Absent
MDL (mg/kg)	16
Test Method/ Instrument	ISO 14184-1:2011/UV-Vis

Test point	**Test Result (mg/kg)**	**Conclusion**
	Formaldehyde	
1-2	N.D.	**Conformity**

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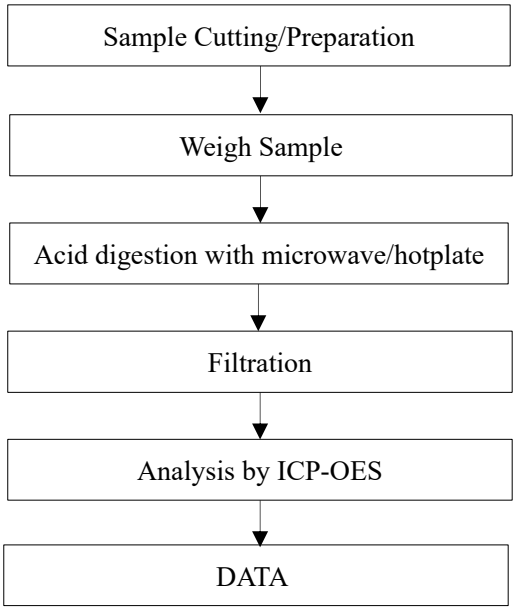
- Organic tin Content

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-2	
TBT	ISO 17353:2004/ GC-MS	0.15	N.D.	0.5
TPhT		0.15	N.D.	0.5
DBT		0.15	N.D.	1.0
DOT		0.15	N.D.	1.0
Conclusion		/	**Conformity**	/

Test Flow Chart of Heavy Metal Content



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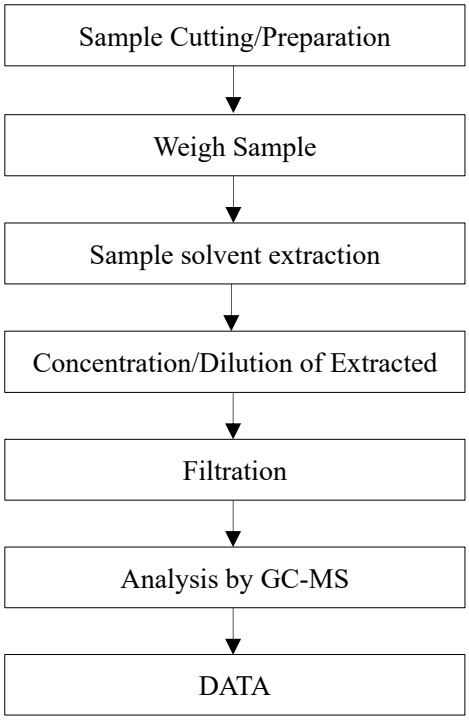
Test Flow Chart of AZO



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*** End of Report ***

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