

TEST REPORT

Report No. : WTF24F05109034C

Applicant: Mid Ocean Brands B.V.

Address: 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,

Kowloon, Hong Kong

Manufacturer 115582

Sample Model : CX1479, CX1480

Test Requested..... : Refer to next page (s)

Test Method: Refer to next page (s)

Test Conclusion Pass (Please refer to next pages for details)

Date of Receipt sample..... : 2024-05-13

Date of Issue 2024-05-21

Test Result : Refer to next page (s)

Prepared By:

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Signed for and on behalf of Waltek Testing Group (Foshan) Co., Ltd.

Gwing Liang

Swing.Liang



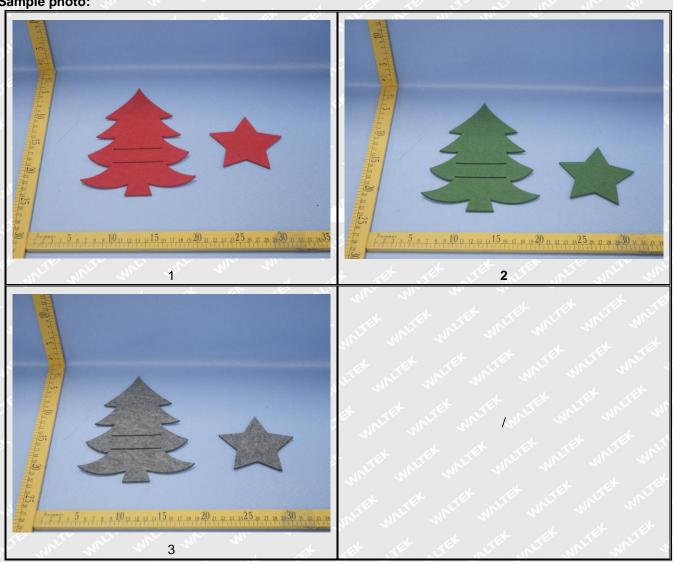
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Summary

Item No.	Test Requested	Test Conclusion
WALLER M	Determination of Lead content in the submitted sample in accordance with REACH regulation Annex XVII Entries 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628	Pass
2 Mars	Determine the specified AZO Colorants contents in the submitted sample in according to the Entries 43 in Annex XVII of the REACH Regulation (EC) No.1907/2006 and the Amendment Regulation (EC) No.552/ 2009 & No.126/ 2013 (previously restricted under Directive 2002/61/EC).	Pass Martin
3	As requested by the applicant, to test Colour Fastness to Rubbing in the submitted sample.	Pass

Sample photo:





Test Results:

1) Lead (Pb)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Tank Kama Jilik	LOQ Results (mg/kg		Limit &	
Test Item	(mg/kg)	No.1	(mg/kg)	
Lead(Pb)	2	ND A	500	
Conclusion	L St St. Set.	Pass	24 20 - 2	

Note:

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Lead was quoted from REACH regulation Annex XVII Item 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628.
- (5) As specified by client, only test the designated sample.





2) AZO

Test Method: With reference to BS EN ISO 14362-1: 2017 and BS EN ISO 14362-3: 2017, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS)

No.	Amines Substances	CAS No.	Limit	Result (mg/kg)	
			(mg/kg)	No.1	
1	4-Aminobiphenyl	92-67-1	30	ND	
2	Benzidine	92-87-5	30	ND	
3	4-chloro-o-Toluidine	95-69-2	30	ND	
4	2-Naphthylamine	91-59-8	30	ND WELL W	
5	o-Aminoazotoluene	97-56-3	30	ND	
6	2-Amino-4-nitrotoluene	99-55-8	30	ND C MA	
7	p-Chloroaniline	106-47-8	30	ND -	
8	2,4-diaminoanisol	615-05-4	30	ND	
9	4,4'-Diaminodiphenylmethane	101-77-9	30	ND	
10	3,3'-Dichlorobenzidine	91-94-1	30	IND W	
11	3,3'-Dimethoxybenzidine	119-90-4	30	ND	
12	3,3'-Dimethylbenzidine	119-93-7	30	ND IN A	
13	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	30	L ND	
14	p-cresinin	120-71-8	30	ND	
15	4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	30	ND ND	
16	4,4'-Oxydianiline	101-80-4	30	ND W	
17	4,4'-Thiodianiline	139-65-1	30	ND	
18	o-Toluidine	95-53-4	30	ND W	
19	2,4-Toluylendiamine	95-80-7	30	ND ND	
20	2,4,5 – Trimethylaniline	137-17-7	30	ND	
21	o-anisidine	90-04-0	30	L A ND	
22	4-aminoazobenzene	60-09-3	30	ND	
23	2,4-Xylidin	95-68-1	30	ND ND	
24	2,6-Xylidin	87-62-7	30	M ND	
EFF	Conclusion		J J.	Pass	

Note:

- ND = Not Detected or lower than limit of quantitation
- mg/kg=Milligram per kilogram
- Limit of quantitation (mg/kg): Each 5mg/kg
- The CAS-numbers 97-56-3 and 99-55-8 are further reduced to CAS-numbers 95-53-4 and 95-80-7.
- AZO colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4-phenylenediamine. The presence of these colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorant used.
- As specified by client, only test the designated sample.

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3) Colour Fastness to Rubbing

Colour Fastness to Rubbing					
(ISO 105-X1	2: 2016; Size of rubbing	finger: 16mm diameter.)	at at at		
are ar	111 111 11	No.1	Client's Limit		
Lanath	Dry staining	4-5	2-3		
Length	Wet staining	4-5	2-3		
\\/: al4la	Dry staining	4-5	2-3		
Width	Wet staining	4-5	2-3		
Conclusion		Pass N	in the the - the		

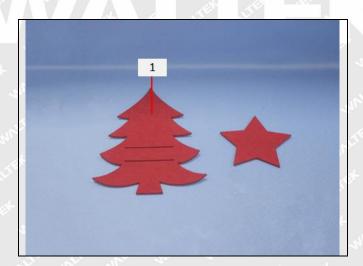
Note:

- (1) Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.
- (2) As specified by client, only test the designated sample.

Description for Specimen:

Specimen No.	Specimen Description	
1 1	Red felt sheet	

Photograph of parts tested:







Remarks:

- 1. The results shown in this test report refer only to the sample(s) tested;
- 2. This test report cannot be reproduced, except in full, without prior written permission of the company;
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===== End of Report =====

