

ANALYTICAL REPORT

Client Information

Mid Ocean Brands BV
Wellensiekstraat 2
Ede GLD (NETHERLANDS)

For the attention of Derek Hui

Order Information

Order Code:	EFYL25010280
Reception Date:	22-Jan-2025
Analysis Starting Date:	23-Jan-2025
Analysis Ending Date:	31-Jan-2025
Overall Conclusion:	Pass
Decision Rule:	Shared risk - Simple acceptance. Probability of False Acceptance <50%
Sample(s) description	Piece of fabric

Additional information of the order⁽²⁾

Sample Information

ID	Sample Code	Client Reference ⁽²⁾	Additional Information ⁽²⁾
A	560-2501-00700	MPGC62	

SAMPLE PICTURE



CONCLUSION:

TEST PROPERTY	PASS	FAIL	REMARKS
Colour fastness to rubbing ISO 105-X12:2016			
A	X		
Determination of azo dyes EN ISO 14362-1:2017			
A	X		
◆ Lead content in non-metal products CPSC-CH-E1002-08.3			
A	X		

RESULTS

Colour fastness to rubbing

ISO 105-X12:2016

ID	A	Requirements:	Customer specifications	
Parameter		RESULTS		GUIDELINES
Type of finger		Cylindrical finger		
Conditioning		4h - 20 ± 2°C; 65 ± 4% H.r.		
Test temperature		20.3 °C		
Test humidity		65.1 %		
Staining on dry lenghtwise		5	≥ 3	✓ PASS
Staining on dry crosswise		5	≥ 3	✓ PASS
Staining on wet lenghtwise		4-5	≥ 3	✓ PASS
Staining on wet crosswise		4-5	≥ 3	✓ PASS
Remarks: Applied force 9 ± 0.2 N Water absorption rate for wet test: Between 95% and 100% Conditioning: At least 4h at 20±2 °C and 65 ±4 % Test conditions: 20±2 °C and 65 ±4 %				
			Analysis Ending Date: 29/01/2025	

Determination of azo dyes

EN ISO 14362-1:2017

ID	A	Requirements:	REACH Regulation (EC) No 1907/2006		
Parameter	CAS No.	RESULTS	LOQ.	GUIDELINES	
4-Aminobiphenyl	92-67-1	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
Benzidin	92-87-5	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
4-Chlorotoluidine	95-69-2	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
2-Naphthylamine	91-59-8	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
p-Chloroaniline	106-47-8	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
2,4-Diaminoanisole	615-05-4	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
4,4-Diaminodiphenylmethan	101-77-9	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
3,3-Dichlorobenzidine	91-94-1	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
3,3-Dimethoxybenzidine	119-90-4	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
3,3-Dimethylbenzidine	119-93-7	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
3,3-Dimethyl-4,4-diaminodiphenylmethane	838-88-0	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
p-Cresidine	120-71-8	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
4,4-Methylene-bis-2-chloroaniline	101-14-4	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
4-Aminophenileter	101-80-4	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
4,4-Thiodianilin	139-65-1	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
o-Toluidin	95-53-4	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
2,4-Diaminotoluene	95-80-7	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
2,4,5-Trimethylaniline	137-17-7	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
o-Anisidine	90-04-0	<5 mg/kg	5	REACH : < 30 mg/kg PASS	✓
2,4-Xylidine	95-68-1	<5 mg/kg	5		
2,6-Xylidine	87-62-7	<5 mg/kg	5		
Aniline *	62-53-3	<5 mg/kg	5		

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ID	A	Requirements:	REACH Regulation (EC) No 1907/2006		
Parameter	CAS No.	RESULTS	LOQ.	GUIDELINES	
1-4-phenylenediamine *	106-50-3	<5 mg/kg	5		
4-Chloro-o-toluidinium chloride *	3165-93-3	<5 mg/kg	5	REACH : < 30 mg/kg	✓
2-Naphthylammoniumacetate *	553-00-4	<5 mg/kg	5	PASS	
4-Methoxy-m-phenylene Diammonium Sulphate *	39156-41-7	<5 mg/kg	5	REACH : < 30 mg/kg	✓
2,4,5-Trimethylaniline hydrochloride *	21436-97-5	<5 mg/kg	5	PASS	
Remarks: Detection and quantification method: GC/MS. Sampling procedure: Section 9 EN ISO 14362-1:2017. Evaluation Procedure - Point 10.1 (EN ISO 14362-1:2017). *Parameters not covered by the accreditation scope o-aminoazotoluene and 5-nitro-o-toluidine are further reduced to o-toluidine and 2,4-diaminotoluene. Azo colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline (CAS number 62-53-3) and 1,4 phenylenediamine (CAS-number 106-50-3). Due to detection limits, only aniline may be detected. The presence of these colorants should be tested by EN ISO 14362-3.					
			Analysis Ending Date: 31/01/2025		

♦ Lead content in non-metal products

CPSC-CH-E1002-08.3

ID	A	Requirements:	REACH Regulation (EC) No 1907/2006		
Parameter		CAS No.	RESULTS	LOQ.	GUIDELINES
Lead (Pb)		7439-92-1	<0.0005 %	0.0005	REACH: <0.05 % ✔ PASS
Remarks: Analytical method technique: ICP-MS					
				Analysis Ending Date: 31/01/2025	

Signed for and on behalf of Eurofins Textile Testing Spain:

Report electronically validated by



Maria Jesus Martinez Puig
Chemical Lab manager

EXPLANATORY NOTE

- ◆ Test not covered by ENAC accreditation scope
 - Test is subcontracted within Eurofins group and is accredited
 - Test is subcontracted within Eurofins group and is not accredited
 - Test is subcontracted outside Eurofins group and is accredited
 - Test is subcontracted outside Eurofins group and is not accredited
- N/A = Not Applicable

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Results obtained refer only to samples, products or material received in Laboratory, as described in section "Sample information" and tested in conditions shown in present report.

Test uncertainties not reported are at customer disposal , for those tests in which it is possible to evaluate the test uncertainty.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, which for a normal distribution provides a level of confidence of approximately 95%.

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End Of Report