

TEST REPORT

Report No.: DPHTL2510223065E

Date: Oct 30,2025

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Applicant : Mid Ocean Brands B.V.**Address:** Unit 711-716, 7/F., Tower A, 83 King Lam Street Cheung Sha Wan, Kowloon, Hong Kong

The following sample(s) and sample information was/were submitted and identified by client as:

Sample Name: Sunglasses with UV protection**Model:** MO2864**Vendor code :** 107978**Receiving Date:** Oct 22,2025**Test Period:** From Oct 22,2025 to Oct 29,2025**Add Information:** -

Test Summary:

#	Test Item(s)	Conclusion
1	Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006 - Cadmium content	PASS
2	Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006 - Total Lead content	PASS
3	Item 51&52 of Annex XVII of REACH Regulation (EC) 1907/2006 - Phthalate content (DIBP, DEHP, DBP, BBP, DINP, DIDP , DNOP)	PASS
4	Item 50 of Annex XVII of REACH Regulation (EC) 1907/2006 & amendment (EU) No 1272/2013 - Polycyclic-aromatic hydrocarbons (PAHs) content	PASS

*****Please refer to the following page for detailed results*****

Authorized Signatory

Mark Mai
(Technical Director)

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Result:**1. Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006 - Cadmium content**
IEC 62321-5:2013, determined by AAS

Test item(s)		Result		Limit (mg/kg)	MDL (mg/kg)
		1+2+3	4+5+6		
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	100	10
-	Conclusion	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

2. Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006 - Total Lead content
IEC 62321-5:2013, determined by AAS

Test item(s)		Result			Limit (mg/kg)	MDL (mg/kg)
		1+2+3	4+5+6	7+8		
1	Lead(Pb) CAS#7439-92-1	N.D.	N.D.	N.D.	500	10
-	Conclusion	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

**3. Item 51&52 of Annex XVII of REACH Regulation (EC) 1907/2006 -
Phthalate content (DIBP、DEHP、DBP、BBP、DINP、DIDP 、DNOP)
EN 14372:2004 & IEC 62321-8:2017, determined by GC-MS**

Test item(s)			Result		Limit (%)	MDL (%)
			1+2+3	4+5+6		
1	DBP	Dibutyl Phthalate CAS# 84-74-2	N.D.	N.D.	0.1	0.005
2	BBP	Benzylbutyl Phthalate CAS# 85-68-7	N.D.	N.D.	0.1	0.005
3	DEHP	Bis-(2-ethylhexyl)Phthalate CAS# 117-81-7	N.D.	N.D.	0.1	0.005

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4	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	0.1	0.005
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	-	0.005
6	DINP	Di-iso-nonyl phthalate CAS# 28553-12-0/ 68515-48-0	N.D.	N.D.	-	0.01
7	DIDP	Diisodecyl phthalate CAS# 26761-40-0	N.D.	N.D.	-	0.01
-	Sum of 1, 2, 3 & 4		N.D.	N.D.	0.1	-
-	Sum of 5, 6 & 7		N.D.	N.D.	0.1	-
-	Conclusion		PASS	PASS	-	-

Remark(s): (a) MDL: Method detected limit
 (b) N.D.: Not detected (result is less than MDL)

**4. Item 50 of Annex XVII of REACH Regulation (EC) 1907/2006 & amendment (EU) No 1272/2013 -
 Polycyclic-aromatic hydrocarbons (PAHs) content
 AfPS-GS-2019-01:PAK, determined by GC-MS**

Test Item(s)	Result		Limit (mg/kg)	MDL (mg/kg)		
	Category I *1					
	1+2+3	4+5+6				
1 Benz[a]anthracene(BaA) CAS#56-55-3	N.D.	N.D.	1	0.2		
2 Chrysene(CHR) CAS#218-01-9	N.D.	N.D.	1	0.2		
3 Benz[b]fluoranthene(BbFA) CAS#205-99-2	N.D.	N.D.	1	0.2		
4 Benz[k]fluoranthene(BkFA) CAS#207-08-9	N.D.	N.D.	1	0.2		
5 Benz[j]fluoranthene(BjFA) CAS#205-82-3	N.D.	N.D.	1	0.2		
6 Benzo[a]pyrene(BaP) CAS#50-32-8	N.D.	N.D.	1	0.2		
7 Benzo[e]pyrene(BeP) CAS#192-97-2	N.D.	N.D.	1	0.2		
8 Dibenz [a,h]anthracene (DBahA) CAS#53-70-3	N.D.	N.D.	1	0.2		
- Conclusion	PASS	PASS	-	-		

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Remark: (a) mg/kg: milligram per kilogram

(b) MDL: Method detected limit

(c) N.D.: Not detected (result is less than MDL)

1: Material category

Category I: Articles come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

Category II : Toys, including activity toys, and childcare articles, that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

Material List:

Material #	Sample Description / Position
1	Transparent black plastic,spectacles glasses
2	White plastic,eyeglass frame
3	Light blue plastic,eyeglass frame
4	Blue plastic,eyeglass frame
5	Black plastic,eyeglass frame
6	Grey plastic,eyeglass frame
7	Silvery metal,holder
8	Silvery metal,screw

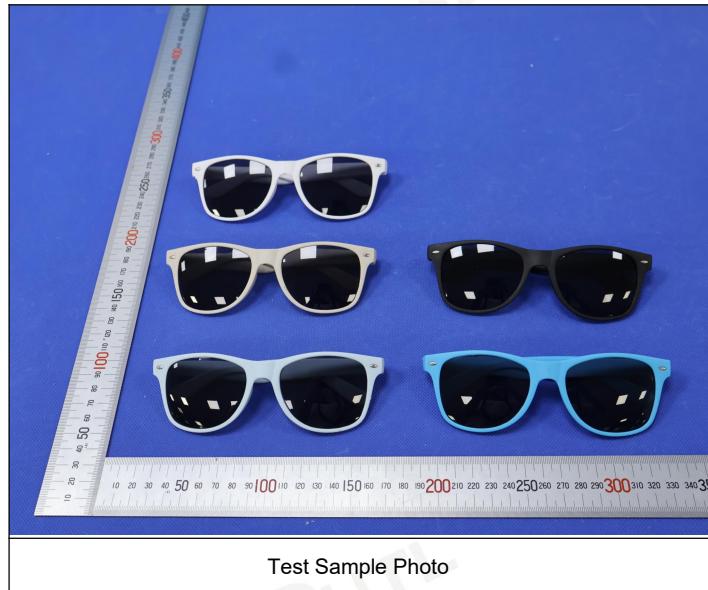
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Photo(s):



<<<< END OF REPORT >>>>

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