

TEST REPORT

<u>Applicant</u>	:	Mid Ocean Brands B.V.
<u>Address</u>	:	Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
<u>Sample description</u>	:	Rechargeable massage gun
<u>Item no.</u>	:	MO2965
<u>Manufacturer</u>	:	107961
<u>Sample received date</u>	:	04-Nov-2025
<u>Turn around time</u>	:	04-Nov-2025 To 12-Nov-2025
<u>Revised date</u>	:	14-Nov-2025

The following test item(s) was/were performed on selected sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Polycyclic Aromatic Hydrocarbons (PAHs)	REACH Annex XVII, Entry 50	Pass
Banned AZO Dyes	REACH Annex XVII, Entry 43	Pass
Colour Fastness to Rubbing	DIN EN ISO105-X12:2016	Pass

Note : This report cancels and supersedes report number EFW525110753-CG-01 issued on Nov 12th, 2025.
Modification description: as per client's request, revise address of applicant, sample photo and add client's requirement of Colour Fastness to Rubbing in the revised report.

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. Unless otherwise stated from the customer, regulation or the standard specification, Eurofins will apply it in accordance with ILAC G8:09/2019-(binary statement for simple acceptance rule). If you happen to have any comments, please do it by sending email to info.sh@cpt.eurofinscn.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to info.sh@cpt.eurofinscn.com and referring to this report number.



Eurofins (Shanghai) contact information**Customer service:** Winnie.Dong@cpt.eurofinscn.com**Sales specialist:** Coco.Wang@cpt.eurofinscn.com

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd.



Linda Jin
Chemical Division Assistant Manager

SAMPLE PHOTO(S)**EFW525110753-CG-01+REV 1*******TO BE CONTINUED*****

COMPONENT LIST

Component No.	Component	Sample No.
1	White plastic (USB interface)	A
2	Black plastic (charging interface)	A
3	Black plastic (buckle)	A
4	Black plastic (body)	A
5	Black soft plastic (gasket)	A
6	Black soft plastic (head)	A
7	Black soft plastic wire jacket	A
8	Black soft plastic (charging plug/USB plug)	A
9	Black fabric (bag)	A
10	Black mesh fabric (bag)	A
11	Black fabric (rope)	A

TO BE CONTINUED

TEST RESULT

Polycyclic Aromatic Hydrocarbons (PAHs)

Test Request: Polycyclic Aromatic Hydrocarbons (PAHs) content as specified in entry 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its latest amendment.

Test Method: Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to AfPS GS 2019:01 PAK.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1+2+ 3	4	5+6+ 7	8
Benzo(a)anthracene	56-55-3	mg/kg	1	0.1	ND	ND	ND	ND
Chrysene	218-01-9	mg/kg	1	0.1	ND	ND	ND	ND
Benzo(b)fluoranthene	205-99-2	mg/kg	1	0.1	ND	ND	ND	ND
Benzo(j)fluoranthene	205-82-3	mg/kg	1	0.1	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	mg/kg	1	0.1	ND	ND	ND	ND
Benzo(a)pyrene	50-32-8	mg/kg	1	0.1	ND	ND	ND	ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1	0.1	ND	ND	ND	ND
Benzo(e)pyrene	192-97-2	mg/kg	1	0.1	ND	ND	ND	ND

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Banned AZO Dyes

Test Request: Banned AZO dyes as specified in entry 43 of annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EN ISO 14362-1:2017, sampling procedure and sample preparation according to Annex E4.2 and Annex E4.3.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result
					9+10+11
4-methyl-m-phenylenediamine	95-80-7	mg/kg	30	5	ND
2-Naphthylamine	91-59-8	mg/kg	30	5	ND
4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	30	5	ND
Bis-(4-aminophenyl)methane	101-77-9	mg/kg	30	5	ND
4,4'-Oxydianiline	101-80-4	mg/kg	30	5	ND
4,4'-Thiodianiline	139-65-1	mg/kg	30	5	ND
Benzidine	92-87-5	mg/kg	30	5	ND
o-Toluidine	95-53-4	mg/kg	30	5	ND
5-Nitro-o-toluidine (Note 1)	99-55-8	mg/kg	30	5	ND
4-methoxy-m-phenylenediamine	615-05-4	mg/kg	30	5	ND
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	30	5	ND
o-Aminoazotoluene (Note 1)	97-56-3	mg/kg	30	5	ND
2,4,5-Trimethylaniline	137-17-7	mg/kg	30	5	ND
4-Aminobiphenyl	92-67-1	mg/kg	30	5	ND
o-Anisidine	90-04-0	mg/kg	30	5	ND
3,3'-Dichlorobenzidine	91-94-1	mg/kg	30	5	ND
4-Chloroaniline	106-47-8	mg/kg	30	5	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	30	5	ND
n.d.3,3'-Dimethybenzidine	119-93-7	mg/kg	30	5	ND
4-Amino-azobenzene (Note 2)	60-09-3	mg/kg	30	5	ND
2-Methoxy-5-methylaniline	120-71-8	mg/kg	30	5	ND
4-Chloro-2-methylaniline	95-69-2	mg/kg	30	5	ND

Remarks:

As per client's request, only the appointed materials have been tested.

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

Note 1: The CAS-numbers 97-56-3 and 99-55-8 are further reduced to CAS-numbers 95-53-4 and 95-80-7.

Note 2: 4-Amino-azobenzene(CAS No.:60-09-3) is reduced to aniline and 1,4-phenylenediamine.

MDL = method detection limit

ND = Not detected, less than MDL,

TO BE CONTINUED

TEST RESULT

Colour Fastness to Rubbing

DIN EN ISO105-X12:2016

	(9)	(10)	(11)	Requirement
Lengthwise Dry Colour Stain	4-5	4-5	4-5	Grade 2-3
Lengthwise Wet Colour Stain	4-5	4-5	4-5	Grade 2-3
Widthwise Dry Colour Stain	4-5	4-5	/	Grade 2-3
Widthwise Wet Colour Stain	4-5	4-5	/	Grade 2-3

Remarks:

Grey Scale for Assessing Colour Change/Staining
Grade 5 Negligible or no change/staining
Grade 4 Slightly changed/stained
Grade 3 Noticeably changed/stained
Grade 2 Considerably changed/stained
Grade 1 Much changed/stained

*****END OF THE REPORT*****