

Test report

T-25093573-11-R3



Verify Report

Overall result

Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: Mid Ocean Brands B.V.
Address: 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong



Sample information

Description: MINI TOOL SET WITH LED LIGHT	
SKU/style #: IT3874	
Country of origin: -	Labeled age grade: -
Country of distribution: Europe	Tested age grade: -
Material/composition: ABS,aluminum	Vendor code: 118518
Quantity submitted: 6 pcs	

General information

Sample receipt date: 05-Mar-2025	Report date: 31-Mar-2025
Testing period: 12-Mar-2025 to 27-Mar-2025	

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu

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Chemical Laboratory Manager



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Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
REGULATION (EU) 2023-1542, Heavy Metals Content in Batteries other than Portable Batteries	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)	Pass



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Detailed results

REGULATION (EU) 2023-1542, Heavy Metals Content in Batteries other than Portable Batteries

Test Method: In-house method
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	6	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Lead (Pb)	ND	---	---	---	See Remark if >0.004
Cadmium (Cd)	ND	---	---	---	See Remark if >0.002
Mercury (Hg)	ND	---	---	---	0.0005
Conclusion	Pass	---	---	---	

Note:

% m/m = Percent by mass

ND = Not detected (Reporting Limit: Pb 0.001%, Cd 0.001%, Hg 0.0005% m/m)

Remark:

1. Marking requirement:

According to (EU) 2023/1542, From 18 August 2025, all batteries shall be marked with the symbol for separate collection of batteries as below:



The symbols shall be printed visibly, legibly and indelibly and the size of covered area on batteries shall be:

- Cylindrical cells: at least 1.5 % of surface area (maximum 5 x 5 cm)
- Others: at least 3 % of surface area of the largest side (maximum 5 x 5 cm)
- Where the size of the battery is such that the separate collection symbol would be smaller than 0,47 × 0,47 cm, the battery does not need to be marked with that symbol. Instead, a separate collection symbol measuring at least 1 × 1 cm shall be printed on the packaging

2. All batteries containing more than 0.002 % cadmium or more than 0.004 % lead, shall be marked with the chemical symbol for the metal concerned: Cd or Pb.



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Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)

Test Method: AfPS GS 2019:01
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2	3+4	5	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Benzo [a] pyrene (BaP)	50-32-8	ND	ND	ND	---	1
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	ND	---	1
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	ND	---	1
Chrysene (CHR)	218-01-9	ND	ND	ND	---	1
Benzo [b] fluoranthene (BbFA)	205-99-2	ND	ND	ND	---	1
Benzo [j] fluoranthene (BjFA)	205-82-3	ND	ND	ND	---	1
Benzo [k] fluoranthene (BkFA)	207-08-9	ND	ND	ND	---	1
Dibenzo [a,h] anthra- cene (DBA hA)	53-70-3	ND	ND	ND	---	1
Conclusion		Pass	Pass	Pass	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 0.2 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



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Specimen description

Specimen #	Specimen description	Location
1	Silvery coated deep grey plastic	Main body
2	Transparent deep grey plastic	Shell
3	Transparent plastic	Light
4	Black plastic	Switch
5	Transparent light grey plastic	Screwdriver bit base
6	Silvery button cell	Button cell





Pictures

Sample photo:



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.



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