

# Test report

T-25093573-11-R3



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: -Country of distribution: **Europe** 

Material/composition: ABS,aluminum

Quantity submitted: 6 pcs

Labeled age grade: -Tested age grade: -

Vendor code: 118518

## General information

Sample receipt date: 05-Mar-2025

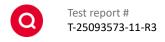
Testing period: 12-Mar-2025 to 27-Mar-2025

Report date: 31-Mar-2025

QIMA (Hangzhou) Testing Co., Ltd.

leremy Xu

Chemical Laboratory Manager



## 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



### **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  $0.47 \times 0.47$  cm, the battery does not need to be marked with that symbol. Instead, a separate collection symbol measuring at least  $1 \times 1$  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.

Verify Report



## **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 N	0.	1+2	3+4	5		Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(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] fluroranthene (BbFA)	205-99-2	ND	ND	ND		1
Benzo [j] fluroranthene (BjFA)	205-82-3	ND	ND	ND		1
Benzo [k] fluroranthene (BkFA)	207-08-9	ND	ND	ND		1
Dibenzo [a,h] anthra- cene (DBAhA)	53-70-3	ND	ND	ND		1
Conclusion	1	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.

Verify Report



## 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.

