



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Report No. : WTF23F10218973C
Applicant : Mid Ocean Brands B.V.
Address : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,
Kowloon, Hong Kong
Manufacturer : 118144
Sample Name : 2x10W wireless speaker
Sample Model : MO2172
Test Requested : In according to the EU Directive 2023/1542, to determine the
heavy metals content in the submitted sample.
Test Method : With reference to IEC 62321-5:2013 & IEC 62321-4:2013+
AMD1:2017 CSV, analysis was performed by ICP-OES
Test Conclusion : The submitted battery sample does not exceed the limit
mentioned in Directive (EU) 2023/1542.
Date of Receipt sample : 2023-10-12
Testing period : 2023-10-12 to 2023-10-20
Date of Issue : 2023-10-24
Test Result : Refer to next page (s)
Note : As per client's request, labelling assessment of the battery
was not conducted.

Prepared By:

Waltek Testing Group (Foshan) Co., Ltd.

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Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

Swing.Liang



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Sample photo:



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Test Results:

Test Item(s)	Unit	Test Result	LOQ	Maximum Allowable Limit
		No.136		
Lead (Pb)	%	ND	0.0002	0.01 (See comment if $0.01 \geq \text{Pb} > 0.004$)
Cadmium (Cd)	%	ND	0.0002	0.002 (See comment if $\text{Cd} > 0.002$)
Mercury (Hg)	%	ND	0.0002	0.0005

Note:

- (1) ND = Not Detected or lower than limit of quantitation
- (2) LOQ = Limit of quantitation
- (3) % = percentage by weight

Comment:

(1) Marking requirement:

According to EU Directive 2023/1542, all batteries, accumulators and battery packs shall be appropriately marked with the symbol as below:



Covered area on battery, accumulator or battery pack:

- Cylindrical cells: 1.5 % of surface area (maximum 5x5 cm);
 - Others: 3 % of surface area of the largest side (maximum 5 x 5 cm)
 - When the size of the battery, accumulator or battery pack is such that the symbol would be smaller than 0.5 x 0.5 cm, a symbol at least 1 x 1 cm shall be printed on the packaging.
- Symbols shall be printed visibly, legibly and indelibly

(2) When the sample consists lead exceeding 0.004% and less than 0.01%, the product is to be labeled with heavy metal content with the requirements as below:

- Mark with the chemical symbol for the metal concerned: Pb
- Print beneath the symbol
- Cover an area of at least ¼ of the size of the symbol

When the sample consists cadmium exceeding 0.002%, the product is to be labeled with heavy metal content with the requirements as below:

- Mark with the chemical symbol for the metal concerned: Cd
- Print beneath the symbol
- Cover an area of at least ¼ of the size of the symbol

Description for Specimen:

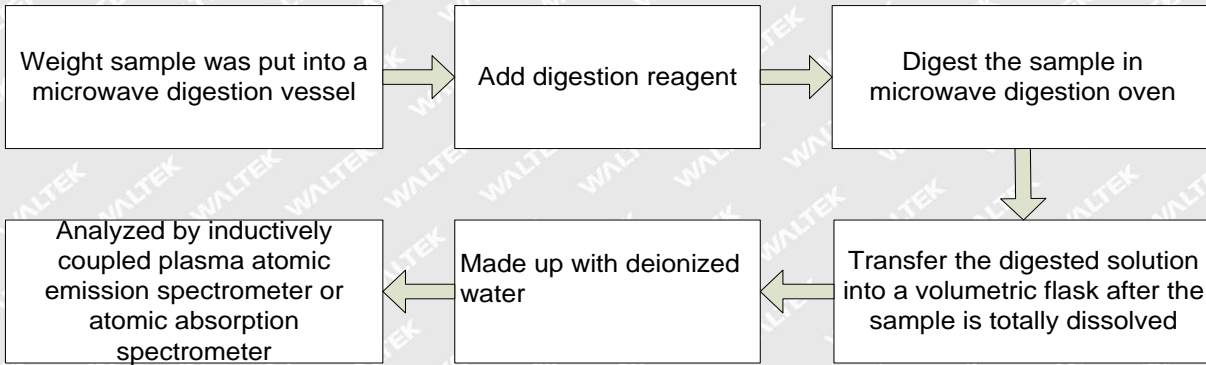
Specimen No.	Specimen Description
136	Silvery battery





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Testing flow chart:



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Remarks:

1. The results shown in this test report refer only to the sample(s) tested;
2. This test report cannot be reproduced, except in full, without prior written permission of the company;
3. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver;
4. The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which Waltek hasn't verified;
5. If the report is not stamped with the accreditation recognized seal, it will only be used for scientific research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.
6. The sample material information (Model No. information) is provided by client, not verified by test laboratory. The samples of reference Model No. are not tested. Test laboratory not responsible for the accuracy, appropriateness, completeness and authenticity of the information provided by client.

===== End of Report =====

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