

Test Report

Report No. : TCT230428C015

Date : May. 08, 2023

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Applicant:

Address:

The following sample was submitted and identified by/on behalf of the client as:

Sample Name: Rechargeable Li-ion Cell
Model No.: 14500 500mAh
Sample Received Date: 2023.04.28
Testing Period: 2023.04.28—2023.05.08
Test Requested: Accordance with Directive 2006/66/EC, to determine the Lead (Pb), Cadmium (Cd), Mercury (Hg) contents of the submitted sample(s).
Test Method: Please refer to the following page(s).
Test Result(s): Please refer to the following page(s).
Conclusion: Test results of submitted sample(s) comply with the limit set by Directive 2006/66/EC and its amendment 2013/56/EU.

Checked by



Fang

Approved by



Tomsin



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Test Results:

Lead, Cadmium and Mercury Content(s)

Test Method: With reference to IEC62321-4:2013+AMD1:2017, IEC 62321-5:2013

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Items	Unit	MDL	Labelling Requirement [#]	Permissible Limit	Test Results
Lead (Pb)	%	0.0010	>0.004	--	N.D.
Cadmium (Cd)	%	0.0010	>0.002	0.002 ^{##}	N.D.
Mercury (Hg)	%	0.0001	>0.0005	0.0005	N.D.

Specimen Description:

Rechargeable Li-ion Cell

- Note :
- MDL = Method Detection Limit
 - N.D.= Not Detected(<MDL)
 - 1mg/kg= 1ppm = 0.0001%
 - "--"=Not Regulated
 - [#] = According to the article 21.3, batteries, accumulators and button cells containing more than 0,0005 % mercury, more than 0,002 % cadmium or more than 0,004 % lead, shall be marked with the chemical symbol for the metal concerned: Hg, Cd or Pb.
 - ^{##} = Not apply to portable batteries and accumulators intended for use in:
 - (a) emergency and alarm systems, including emergency lighting;
 - (b) medical equipment.
 - According to the article 21.1, all batteries, accumulators and battery packs should be appropriately marked with the crossed-out wheeled bin symbol.

Remark: - Results shown is/are of total weight of the battery sample.

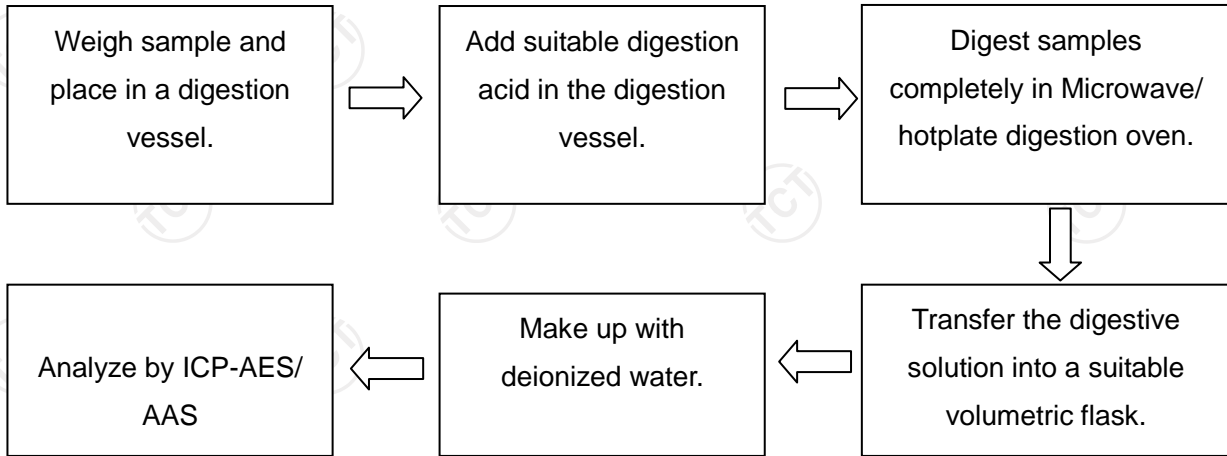
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Test Chart:



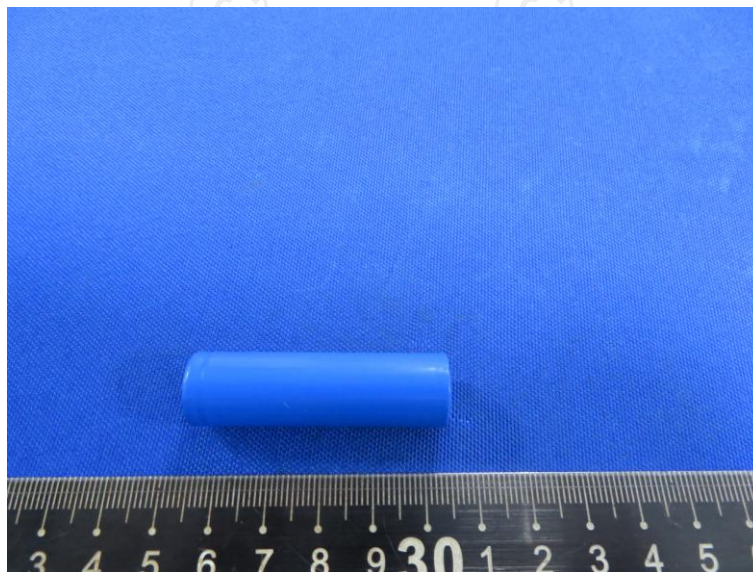
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Photo(s) of the sample(s)



***** End of Report *****

Remark: This report is considered invalidated without the Special Seal for Inspection of the TCT. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of TCT, this test report shall not be copied except in full and published as advertisement.