



Report No.:AZT24111967C-E0

Date of issue: November 27, 2024

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Applicant	: Huizhou Patrick New Energy Co., LTD
Address	: 5F, Building B, Huidarun Industrial Park, Zengxia Group Village, Hongwei
Manufacturer	: Huizhou Patrick New Energy Co., LTD
Address	: 5F, Building B, Huidarun Industrial Park, Zengxia Group Village, Hongwei Village, Xinwei Town,Huiyang District, Huizhou City

Report on the submitted samples said to be:

Sample Name	pJ	Li-ion Polymer Battery
Tested model	:	532828
Date of Sample Receiv	/ed :	November 19, 2024
Testing Period	:	November 19, 2024 ~ November 27, 2024
Results	1:	Please refer to next page(s).

***** **TEST REQUEST**

Conclusion

Pass

Regulation (EU) 2023/1542 amending Directive 2008/98/EC and Regulation (EU) 2019/1020 - Lead, Cadmium & Mercury content *****

Signed for and on behalf of AZT

Jack Zhong



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Tested part(s):

01 Li-ion Polymer Battery

Results:

A.1. Regulation (EU) 2023/1542 amending Directive 2008/98/EC and Regulation (EU) 2019/1020 - Lead, Cadmium & Mercury content

<u>Test Method:</u> With reference to IEC 62321-5:2013 & IEC 62321-4:2013+AMD1:2017 CSV, analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES).

Toot Home	11:5:4	Results	MDL	Limit
rest tiems	onit	01		
Lead (Pb)	%	N.D.	0.0005	0.01*
Mercury (Hg)	%	N.D.	0.0005	0.0005
Cadmium(Cd)	%	N.D.	0.0005	0.002

Remark:

Battery label requirements:

1. General information of batteries: The information on all battery labels should include ten items: manufacturer information, battery type and identification information, manufacturing address, production date (month and year), weight, capacity, chemical composition, harmful substances present in the battery (excluding mercury, cadmium or lead), available fire extinguishing agents, and key raw materials;

2. Capacity information labels: Rechargeable portable batteries, LMT batteries, and SLI batteries should have labels containing their capacity information;

3. Separate collection symbol: All batteries should be marked with a cross marked wheeled trash can symbol. In addition, batteries with cadmium content exceeding 0.002% or lead content exceeding 0.004% should have corresponding chemical element symbols added to the trash can label; The relevant chemical symbols indicating the content of heavy metals should be printed below the separately collected symbols and cover at least a quarter of the area of the symbol;

4. QR code: All batteries should be labeled with a QR code;

5. CE Mark and EU Declaration of Conformity: Batteries should be labeled with a CE mark before being placed on the market, and an EU Declaration of Conformity should be drafted.

Note:

- *=1. From 18 August 2024, portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.
- 2. The restriction set out in point 1 shall not apply to portable zinc-air button cells until 18 August 2028.
- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = milligram per kilogram = ppm
- % = percentage by weight, 0.0001% = 1 mg/kg
- Results shown are of total weight of the battery sample.
- Flow chart is included
- Photo appendix is included



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Appendix

Lead /Cadmium/Mercury Testing Flow Chart





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The photo of the sample





AZT authenticate the photo on original report only

Statement:

- 1. This test report is invalid without the signature of the approver and the special seal of the company's report.
- 2. The copy of the test report is invalid if the "special seal for testing" or "Special Seal for testing" or the official seal of the testing unit is not re-stamped.
- 3. After the test report is altered, the test report is invalid.
- 4. If there is any objection to the test report, please submit written comments to the laboratory within 15 days from the date of receipt of the report.
- 5. This test is only responsible for samples provided by customers.
- 6. This report shall not be reproduced in whole or in part without the written authorization of the Company.
- 7. The laboratory is not responsible for sampling, all samples are provided by customers.
- 8. The test results in this test report are only related to the samples provided by the customer.

*** End of Report ***

