



Test Report

Report No.: DSP24011030-1

Date: Jan 25, 2024

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Applicant : Xinxiang Tongxin New Energy Co., Ltd.
Address : 600 Meters East of the Intersection of Huwei Line and Boyuan Road, Dazhaoying Town, Xinxiang County, Xinxiang City, Henan Province
Manufacturer : Xinxiang Tongxin New Energy Co., Ltd.
Address : 600 Meters East of the Intersection of Huwei Line and Boyuan Road, Dazhaoying Town, Xinxiang County, Xinxiang City, Henan Province
Sample Name : Ni-MH Cell
Sample Model : Ni-MH AA 600mAh
Series Models : Ni-MH AA 100mAh, Ni-MH AA 200mAh, Ni-MH AA 300mAh, Ni-MH AA 400mAh, Ni-MH AA 500mAh, Ni-MH AA 700mAh, Ni-MH AA 800mAh, Ni-MH AA 1000mAh, Ni-MH AAA 100mAh, Ni-MH AAA 200mAh, Ni-MH AAA 300mAh, Ni-MH AAA 400mAh, Ni-MH AAA 500mAh, Ni-MH AAA 600mAh.
Receiving Date : Jan 23, 2024
Testing Period : Jan 23, 2024 to Jan 25, 2024
Test Requested : To determine Lead (Pb), Cadmium (Cd), Mercury (Hg) content in accordance with the regulation (EU) 2023/1542.
Test Methods : With reference to IEC 62321-4:2013/AMD 1:2017 and IEC 62321-5:2013, analysis was performed by ICP-OES.
Test Results : Please refer to next page(s)

Conclusion :	Heavy Metal Test for Battery - according to Annex I of Regulation (EU) 2023/1542	PASS
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Edited by: Python Zeng Reviewed by: Camille Li Approved by: Terry Cao

Dongguan ZRLK Testing Technology Co., Ltd.

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Test Results

Test Items	Regulatory requirement (%)		Results (%)	MDL (%)
	Maximum Permissible Limit	Labelling Limit		
Lead (Pb)	0.01	0.004	ND	0.0002
Cadmium (Cd)	0.002	0.002	ND	0.0002
Mercury (Hg)	0.0005	NA	ND	0.0002

Note :

1. MDL = Method detection limit.
2. ND = Not detected (lower than MDL).
3. NA = Not applicable
4. The whole battery was tested together.
5. According to Article 6 (1) and Annex I of the Regulation (EU) 2023/1542, the Lead restriction shall apply to portable batteries and portable zinc-air button cells from 18 August 2024 and 18 August 2028 respectively.
6. According to Article 13(4) and 13 (5) of the Regulation (EU) 2023/1542, all batteries shall be marked with the symbol indicating separate collection, and 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.

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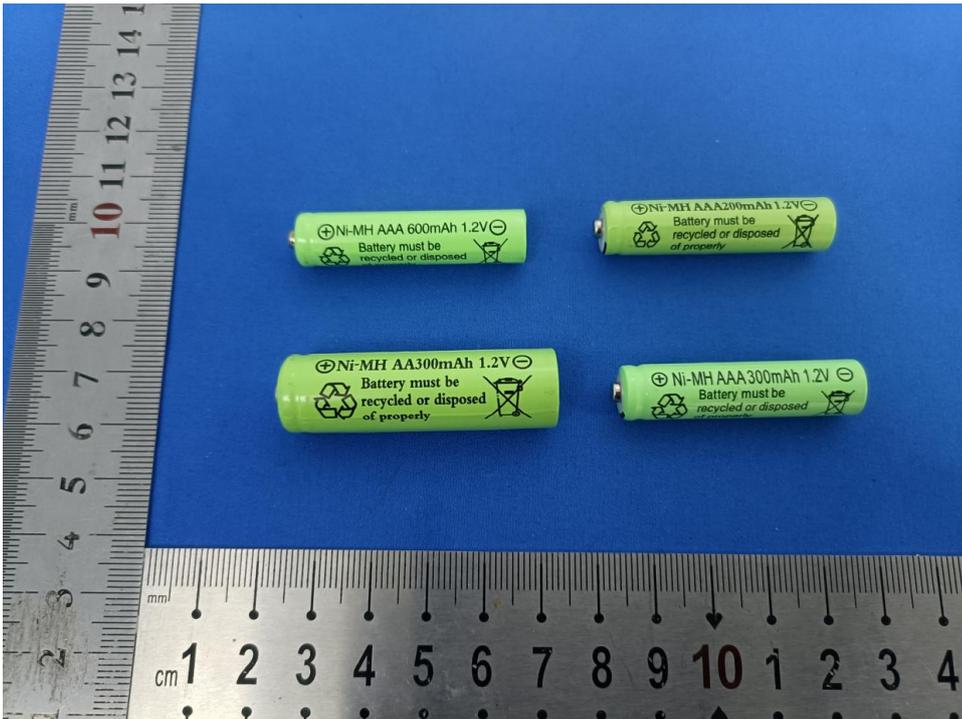
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Sample Photo(s)



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Statement

1. Report is invalid without the editor, the reviewer or the approver signature, or altered, or additions and deletions, or not stamped with a special seal.
2. This test report is only responsible for the sample of this acceptance.
3. If the applicant does not raise any objection within 15 working days after receiving the report, it shall deemed to approve the report result.

* * * End of report * * *

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