

Test Report

No.: CANEC25001452801

Date: Feb 06, 2025

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Client Name: SHENZHEN GREPOW BATTERY CO.,LTD. / HU NAN GREPOW NEW ENERGY CO.,LTD.

Client Address: COMPLEX BUILDING (1ST TO 3RD FLOOR) ,2ND BUILDING (1ST TO 4TH FLOOR) 1ST BUILDING (1ST TO 4TH FLOOR) SHENZHEN GREPOW BATTERY CO..LTD. HUARONG ROAD GAOFENG COMMUNITY.DALANG STREETLONGHUA DISTRICT.SHENZHEN CITY / WEST ROAD EAST RIVER.NONFERROUS METALS INDUSTRIAL PRAK(EXPORT PROCESSING ZONE).CHEN ZHOU CITY .HU NAN PROVINCE.CHINA

Sample Name: NI-MH Battery

Model No.: NI-MH AA800mAh 1.2V

Client Ref. Information: Please see attachments

Sample Type: Portable battery (non-zinc-air button cell)

The above sample(s) and information were provided by the client.

SGS Job No.: SZP25-002655

Sample Receiving Date: Jan 17, 2025

Testing Period: Jan 17, 2025 ~ Feb 05, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
Annex I of Regulation (EU) 2023/1542– Heavy Metals Content in batteries and waste batteries	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Tyler-Y Zhang
Approved Signatory

scan to see the report



D43AC651



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A	CAN25-0014528-0001	Battery

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Annex I of Regulation (EU) 2023/1542– Heavy Metals Content in batteries and waste batteries

Test Method: SGS In House Method (GZTC CHEM-TOP-068), analysis was performed by ICP-OES or AAS or Hg-analyzer.

Test Item(s)	Limit	Unit(s)	MDL	A
Lead(Pb)	0.01	%	0.0010	ND
Cadmium(Cd)	0.002	%	0.0010	ND
Mercury(Hg)	0.0005	%	0.0001	ND
Conclusion				Pass

Notes:

- (1) Restriction on substances

Column 1 Designation of the substance or group of substances	Column 2 Conditions of restriction
1. Mercury CAS No 7439-97-6 EC No 231-106-7 and its compounds	Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight
2. Cadmium CAS No 7440-43-9 EC No 231-152-8 and its compounds	Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight
3. Lead CAS No 7439-92-1 EC No 231-100-4 and its compounds	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.

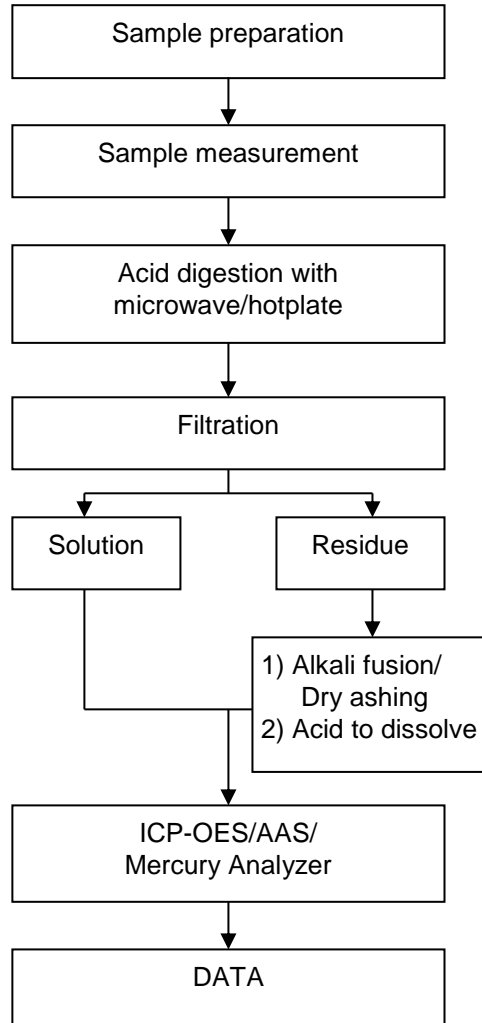
(2) According to the EU New Battery Regulation (EU) 2023/1542, portable batteries (non portable zinc-air button cells) containing between 0,004 %-0.01 % lead, shall be marked with the chemical symbol for the metal concerned: Pb.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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Battery Testing Flow Chart



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Attachment:

Battery Series	
AAAA Series	MH-AAAA250mAh、300mAh、350mAh、400mAh、450mAh
1/2AAA Series	MH-1/2AAA150mAh、210mAh、250mAh、280mAh、300mAh
2/3AAA Series	MH-2/3AAA250mAh、280mAh、300mAh、350mAh、400mAh、420mAh、450mAh
AAA Series	MH-AAA300mAh、400mAh、450mAh、500mAh、550mAh、600mAh、650mAh、700mAh、750mAh、800mAh、850mAh、900mAh、950mAh、1000mAh、1100mAh
4/3AAA Series	MH-4/3AAA750mAh、800mAh、850mAh、900mAh、950mAh
4/5AA Series	MH-4/5AA600mAh、AA650mAh、700mAh、800mAh、900mAh、1000mAh、1100mAh、1200mAh、1300mAh、1400mAh、1500mAh
AA Series	MH-AA400mAh、500mAh、600mAh、700mAh、800mAh、900mAh、1000mAh、1100mAh、1200mAh、1300mAh、1400mAh、1500mAh、1600mAh、1700mAh、1800mAh、1900mAh、2000mAh、2100mAh、2150mAh、2200mAh、2300mAh、2400mAh、2450mAh、2500mAh、2600mAh、2700mAh、2800mAh
1/3AA Series	MH-1/3AA150mAh、200mAh、250mAh、300mAh、350mAh
1/2AA Series	MH-1/2AA400mAh、500mAh、550mAh、600mAh、650mAh、
2/3AA Series	MH-2/3AA400mAh、450mAh、500mAh、550mAh、600mAh、650mAh、700mAh、750mAh、800mAh
7/5AA Series	MH-7/5AA1600mAh、1700mAh、1800mAh、1900mAh、2000mAh、2100mAh、2200mAh、2300mAh、2400mAh、2500mAh
2/3A Series	MH-2/3A600mAh、700mAh、800mAh、900mAh、1000mAh、1100mAh、1200mAh、1300mAh、1350mAh、1450mAh、1500mAh
4/5A Series	MH-4/5A1200mAh、1300mAh、1400mAh、1500mAh、1600mAh、1700mAh、1800mAh、1900mAh、2000mAh、2100mAh、2200mAh、2300mAh
4/3A Series	MH-4/3A2400mAh、2500mAh、2600mAh、2700mAh、2800mAh、2900mAh、3000mAh、3100mAh、3200mAh、3300mAh、3400mAh、3500mAh、3600mAh、3700mAh、3800mAh
A Series	MH-A1800mAh、1900mAh、2000mAh、2100mAh、2200mAh、2300mAh、2400mAh、2500mAh、2600mAh、2700mAh、
18670 Series	MH-18670-3600mAh、3800mAh、4000mAh、4200mAh、4500mAh、4300mAh
C Series	MH-C1500mAh、1700mAh、1900mAh、2100mAh、2300mAh、2500mAh、2700mAh、2900mAh、3100mAh、3300mAh、3500mAh、3700mAh、3800mAh、3900mAh、4000mAh、4200mAh、4300mAh、4400mAh、4500mAh、4600mAh、4800mAh、5000mAh、5500mAh
SC Series	MH-SC1200mAh、1300mAh、1400mAh、1500mAh、1600mAh、1700mAh、1800mAh、1900mAh、2000mAh、2100mAh、2200mAh、2300mAh、2400mAh、2500mAh、2600mAh、2700mAh、2800mAh、2900mAh、3000mAh、3100mAh、3200mAh、3300mAh、3500mAh、3600mAh、3700mAh、3800mAh、3900mAh、4000mAh、4200mAh、4300mAh、4500mAh、4700mAh、4900mAh、5000mAh、5100mAh、5200mAh
2/3SC Series	MH-2/3SC1300mAh、1400mAh、1500mAh、1600mAh、1700mAh、1800mAh、1900mAh、2000mAh、2100mAh、2200mAh、2300mAh、2400mAh
4/5SC Series	2000mAh



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60SC Series	MH-60SC4000
1/2D Series	MH-1/2D3500mAh、3600mAh、3700mAh、3800mAh、3900mAh、4000mAh、4200mAh、5200mAh
D Series	MH-D4000mAh、D4500mAh、5000mAh、5500mAh、6000mAh、6500mAh、7000mAh、7500mAh、8000mAh、8500mAh、9000mAh、9500mAh、10000mAh、11000mAh、12000mAh、13000mAh、13500mAh、
F Series	MH-F9000mAh、10000mAh、11000mAh、12000mAh、13000mAh、13500mAh、14000mAh、15000mAh、16000mAh
N Series	MH-29N400mAh、450mAh、500mAh、1100mAh、1200mAh
M Series	MH-90M20000mAh、25000mAh、28000mAh



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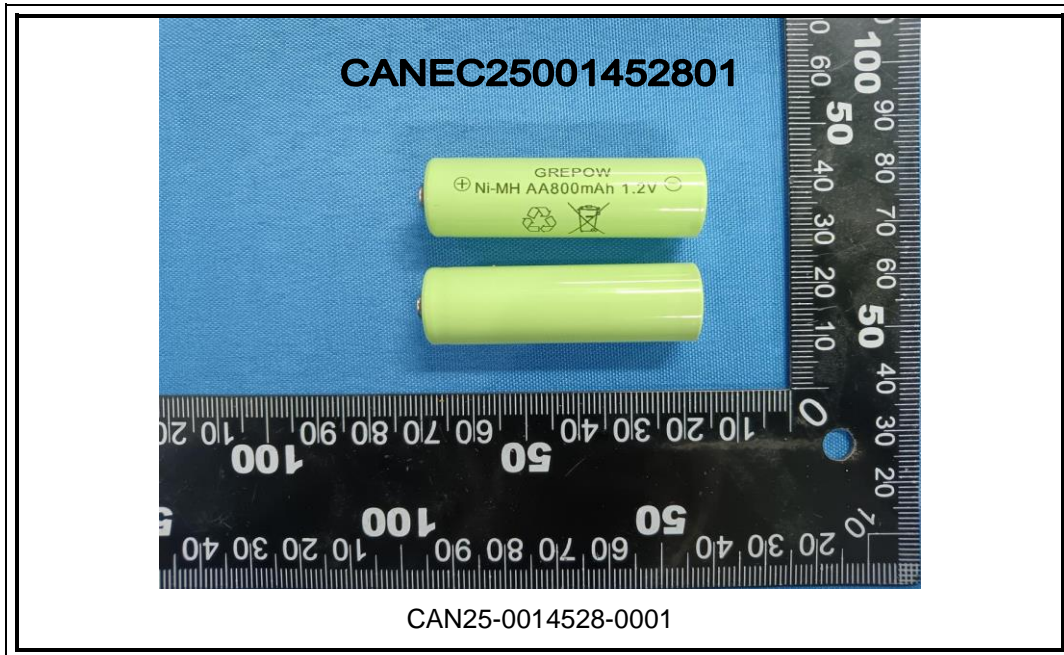
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Sample Photo:



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