

Test Report

No.: SHAEC25032741303

Date: Dec 16, 2025

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Client Name: Xinxiang Lingxin Power Supply Co., Ltd.

Client Address: 50 meters south of the intersection of North Huan Road and West Huan Road, North Muye District, Xinxiang City, Henan Province, China.

Sample Name: Nickel-Metal Hydride battery

Client Ref. Information: Please see the attachment

Sample Type: Industrial battery

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

SGS Job No.: SUP25-004527

Sample Receiving Date: Dec 10, 2025

Testing Period: Dec 10, 2025 ~ Dec 16, 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 (Shanghai) Co., Ltd.

Susu Zhang

Susu Zhang
Approved Signatory

Scan to see the report



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A	SHA25-0327413-0001	Nickel-Metal Hydride 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, analysis was performed by ICP-OES or AAS or Hg-analyzer.

Test Item(s)	Limit	Unit(s)	MDL	A
Lead(Pb)	-	%	0.0010	ND
Cadmium(Cd)	-	%	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, non portable batteries containing more than 0,002 % cadmium or more than 0,004 % lead, shall be marked with the chemical symbol for the metal concerned: Cd or 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.

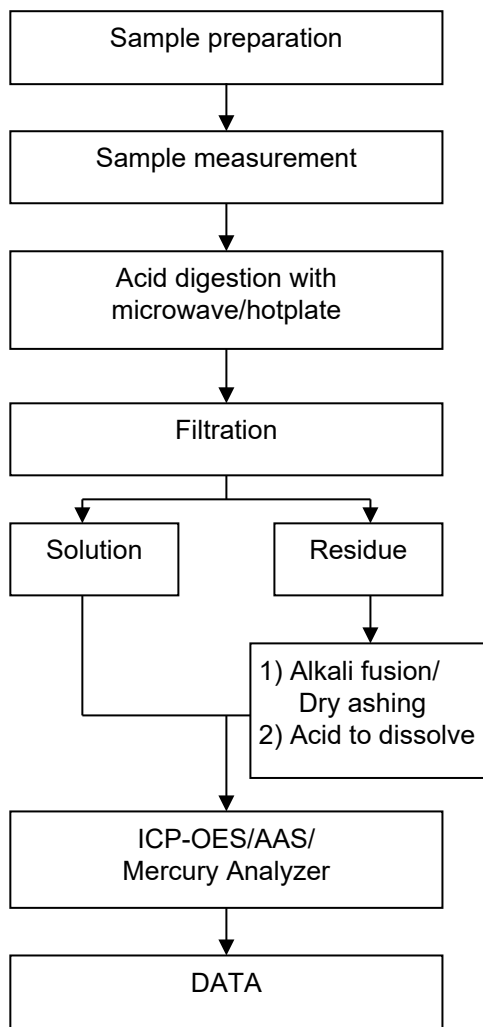


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Battery Testing Flow Chart



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Attachment:

Button:20mAh/30mAh/40mAh/50mAh/60mAh/70mAh/80mAh/100mAh/110mAh/120mAh,etc,NI-MHAA80mAh/AA100mAh/AA150mAh/AA200mAh/AA250mAh/AA300mAh/AA400mAh/AA500mAh/AA600mAh/AA700mAh/AA800mAh/AA900mAh/AA1000mAh/AA1100mAh/AA1200mAh/AA1300mAh/AA1500mAh/AA1600mAh/AA1700mAh/AA1800mAh/AA1900mAh/AA2000mAh/AA2100mAh/AA2200mAh/AA2300mAh/AA2400mAh/AA2500mAh/AA2600mAh/AA2700mAh,etc,AAA60mAh/AAA70mAh/AAA80mAh/AAA90mAh/AAA100mAh/AAA110mAh/AAA120mAh/AAA130mAh/AAA140mAh/AAA150mAh/AAA200mAh/AAA250mAh/AAA300mAh/AAA400mAh/AAA500mAh/AAA600mAh/AAA700mAh/AAA800mAh/AAA900/AAA1000,etc,1/3AAA50mAh/1/3AAA60mAh/1/3AAA70mAh/1/3AAA80mAh/1/3AAA90mAh/1/3AAA100mAh/1/3AAA120mAh/1/3AAA150mAh/1/3AAA180mAh/1/3AAA190mAh/1/3AAA200mAh/1/3AAA210mAh/1/3AAA220mAh/1/3AAA230mAh/1/3AAA240mAh/1/3AAA250mAh,etc,1/4AAA60mAh/1/4AAA70mAh/1/4AAA80mAh/1/4AAA85mAh,2/3AAA60mAh/2/3AAA70mAh/2/3AAA80mAh/2/3AAA90mAh/2/3AAA100mAh/2/3AAA150mAh/2/3AAA200mAh/2/3AAA250mAh/2/3AAA300mAh/2/3AAA350mAh/2/3AAA400mAh,etc,2/3AA80mAh/2/3AA100mAh/2/3AA120mAh/2/3AA150mAh/2/3AA200mAh/2/3AA250mAh/2/3AA300mAh/2/3AA400mAh/2/3AA500mAh/2/3AA600mAh/2/3AA700mAh,etc,1/3AA50mAh/1/3AA60mAh/1/3AA80mAh/1/3AA100mAh/1/3AA120mAh/1/3AA150mAh/1/3AA200mAh/1/3AA250mAh/1/3AA300mAh,etc,4/5AAA100mAh,4/5AAA200mAh,4/5AAA300mAh,4/5AAA400mAh,4/5AAA500mAh,4/5AAA600mAh,etc,5/4AAA400mAh,5/4AAA500mAh,5/4AAA600mAh,5/4AAA700mAh,5/4AAA800mAh,5/4AAA900mAh,5/4AAA1000mAh,etc,4/5C500mAh,4/5C1000mAh,4/5C1500mAh,4/5C2000mAh,4/5C2500mAh,4/5C3000mAh,4/5C3500mAh,4/5C4000mAh,4/5C4500mAh,4/5C5000mAh,C500mAh,C1000mAh,C1500mAh,C2000mAh,C2500mAh,C3000mAh,C3500mAh,C4000mAh,C4500mAh,C5000mAh,C5500mAh,C6000mAh,etc,D500mAh,D1000mAh,1/2D500mAh,1/2D1000mAh,1/2D1500mAh,1/2D2000mAh,1/2D2500mAh,1/2D3000mAh,1/2D3500mAh,1/2D4000mAh,D1500mAh,D2000mAh,D2500mAh,D3000mAh,D3500mAh,D4000mAh,D4500mAh,D5000mAh,D5500mAh,D6000mAh,D6500mAh,D7000mAh,D7500mAh,D8000mAh,D8500mAh,D9000mAh,etc,F5000mAh,F6000mAh,F7000mAh,F8000mAh,F9000mAh,F10000mAh,F11000mAh,F12000mAh,F13000mAh,F14000mAh,M4000mAh,M5000mAh,M6000mAh,M7000mAh,M8000mAh,M9000mAh,M10000mAh,M11000mAh,M12000mAh,M13000mAh,M14000mAh,A800mAh,A1000mAh,A1500mAh,A2000mAh,A2500mAh,A3000mAh,etc,4/5SC400mAh,4/5SC500mAh,4/5SC600mAh,4/5SC700mAh,4/5SC800mAh,4/5SC900mAh,4/5SC1000mAh,4/5SC1100mAh,4/5SC1200mAh,4/5SC1300mAh,4/5SC1400mAh,4/5SC1500mAh,SC500mAh,SC600mAh,SC800mAh,SC1000mAh,SC1200mAh,SC1300mAh,SC1500mAh,SC1800mAh,SC2000mAh,SC2500mAh,SC3000mAh,etc.(1.2V,2.4V,3.6V,4.8V,6V,7.2V,8.4V,9.6V,10.8V)1/2AA200mAh,1/2AA250mAh,1/2AA300mAh,2/3N60,2/3N100,2/3N130,2/3N150,2/3N180mAh,2/3N200mAh,2/3N250mAh,2/3N300mAh,2/3N350mAh,2/3N400mAh,2/3N450mAh,2/3N500mAh,etc,4/5N100mAh,4/5N200mAh,4/5N300mAh,4/5N400mAh,4/5N500mAh,4/5N600mAh,etc,N400mAh,N500mAh,N600mAh,N700mAh,N800mAh,N900mAh,N1000mAh,etc,4/5AA100mAh,4/5AA200mAh,4/5AA300mAh,4/5AA400mAh,4/5AA500mAh,4/5AA600mAh,4/5AA700mAh,4/5AA800mAh,4/5AA900mAh,4/5AA1000mAh,etc,5/4AA400mAh,5/4AA500mAh,5/4AA600mAh,5/4AA700mAh,5/4AA800mAh,5/4AA900mAh,5/4AA1000mAh,5/4AA1100mAh,5/4AA1200mAh,5/4AA1500mAh,5/4AA2000mAh,5/4AA2500mAh,5/4AA3000mAh,etc.



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