



# Test Report



中国认可  
国际互认  
检测  
TESTING  
CNAS L6093

Report No.: HLF22012190E

Date: Jan 5, 2023

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Applicant :

Address :

**The following sample(s) and sample information was/were submitted and identified by/on behalf of the client**

Sample Name : Alkaline zinc manganese button cell

Sample Model : 主型号: LR44  
系列型号: LR521、LR621、LR726、LR41、LR626、LR954、LR921、LR927、  
LR1120、LR936、LR1130、LR721、LR43、AG0、AG1、AG2、AG3、  
AG4、AG5、AG6、AG7、AG8、AG9、AG10、AG11、AG12、AG13、  
L1131 27A (12V)、23A(12V)、3LR41、3LR44、4LR41、4LR44

Sample Style : /

Sample Lot : /

Sample Received Date : Jan 3, 2023


Test Completed Date : Jan 5, 2023


Test Requested : As specified by client, with reference to Directive 2006/66/EC and its amended Directive 2013/56/EU to determine Lead(Pb), Cadmium(Cd), Mercury(Hg) contents in the submitted sample.

Test Method : Refer to the next page(s).

Test Results : Refer to the next page(s).

Test Conclusion : Based upon the performed tests by submitted samples, the test results comply with the limits of the Directive 2006/66/EC and its amended Directive 2013/56/EU

Reviewed by:   
Lab Senior Engineer

Authorized Signature:   
Technology Manager

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected, tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.

**FLION TESTING TECHNOLOGIES**

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885 Fax : 86-0755-2746 0090 Http://www.cnfft.com



### Test Results:

Test Item	Test method/Instrument	MDL (%)	Result (%)	Limit (%)
Lead(Pb)	EPA3050B&EPA3052/ICP-OES	0.0020	N.D.	--
Cadmium(Cd)	EPA3050B&EPA3052/ICP-OES	0.0002	N.D.	0.002
Mercury(Hg)	EPA3050B&EPA3052/ICP-OES	0.0002	N.D.	0.0005

**Note:**

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) N.D. = Not Detected (less than MDL)

(3) MDL = Method Detection Limit

(4) "--" = Not Regulated

(5) Remark: According to the Article 21(3) of Directive 2006/66/EC, Battery, accumulator and button cell shall include the chemical symbol Mercury when containing more than 0.0005% of Hg, the chemical symbol Cadmium when containing more than 0.002% of Cd and the chemical symbol Pb when containing more than 0.004% of Pb

Remark: The test report is only used for customer research, teaching, internal quality control, product development and other purposes, for internal reference only.

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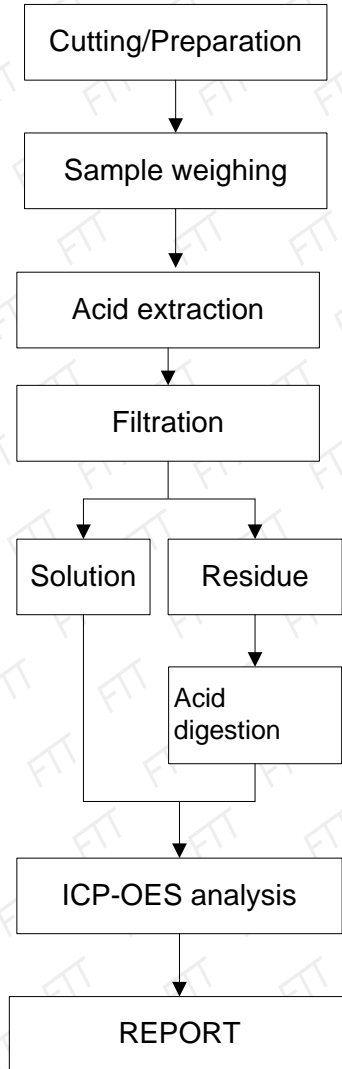
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### Testing Flow Chart:



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**Test Part Description:** Battery

### Sample Photo



Note: The results shown in this report refer only to the sample(s) tested.

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

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