



Test Report

No.: GZ1010122933/CHEM

Date: NOV 02, 2010

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SHENZHEN GUANLIDA ELECTRONICS CO., LTD
BAOAN DISTRICT OF SHENZHEN CITY XIXIANG STREET, 62 DISTRICT, ANSHENG INDUSTRIAL CITY ON THE
FOURTH FLOOR

The following sample(s) was/were submitted and identified on behalf of the applicant as CARBON ZINC BATTERY

SGS Job No. : SZ12770325
Tested sample information : R03
Client Reference Information : Client reference information: Applicant declares, the materials and weight percentage of below models are exactly same as the tested model: R14P, R20P, 6F22, R6P
Date of Sample Received : OCT 20, 2010
Testing Period : OCT 20, 2010 TO NOV 02, 2010
Test Requested : Selected test (s) as requested by client.
Test Method : Please refer to next page(s).
Test Result(s) : Please refer to next page(s).
Conclusion : Based on the performed tests on submitted sample(s), the results comply with the Directive 2006/66/EC. But the samples should contain chemical symbol of Lead according to article 21(3).

Signed for and on behalf of
SGS-CSTC Ltd.

Allen Xie
Approved Signatory

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Test Results:

Description for specimen 1 : "Battery"

Heavy Metals in Battery (2006/66/EC)

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium (Cd)	%(w/w)	Acid Digestion Method, ICP-OES	N.D.	0.0010	0.0020
Lead (Pb)	%(w/w)	Acid Digestion Method, ICP-OES	0.0491	0.0010	-
Mercury (Hg)	%(w/w)	Acid Digestion Method, ICP-OES	N.D.	0.0001	0.0005

Note :

1. mg/kg = ppm, 0.1% = 1000ppm
2. N.D. = Not detected (< MDL)
3. MDL= Method Detection Limit

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.

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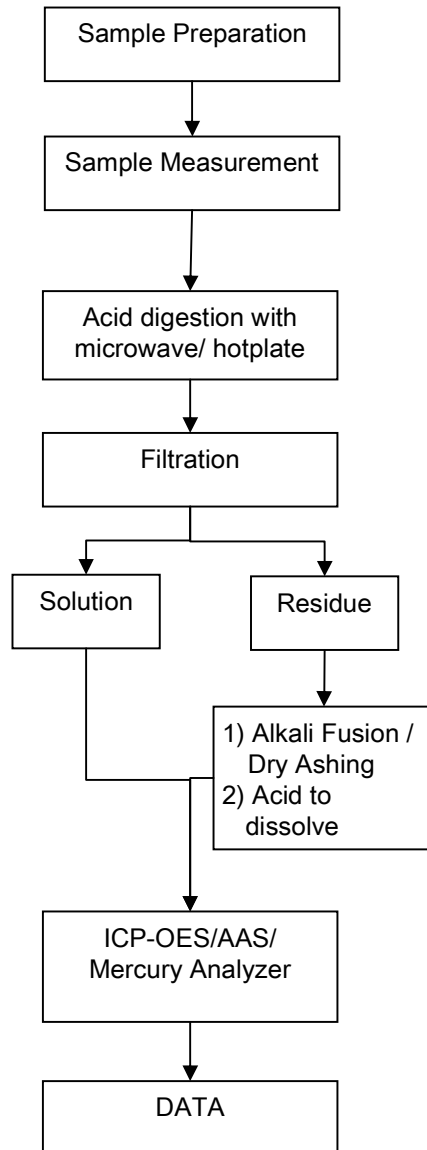
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Member of the SGS Group (SGS SA)

ATTACHMENTS

Battery Testing Flow Chart

- 1) Name of the person who made testing: Ben Hu
- 2) Name of the person in charge of testing: Adams Yu



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Sample photo :



SGS authenticate the photo on original report only

*** End of Report ***

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