

Test Report

No. : CE/2015/45222

Date : 2015/05/08

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Duracell
Berkshire Corporate Park
14 Research Drive Bethel, CT 06801, USA



The following sample(s) was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By : DURACELL
Sample Description : DURACELL LITHIUM BATTERY
Style/Item No. : DL123 (DL123A/3V)
Country of Origin : MADE IN USA
Sample Receiving Date : 2015/04/27
Testing Period : 2015/04/27 TO 2015/05/08

=====
Test Requested : As specified by client, with reference to Directive 2006/66/EC and Amendment 2013/56/EU to determine Cadmium, Lead, Mercury contents in the submitted sample.
Test Result(s) : Please refer to next page(s).
Conclusion : Based upon the performed tests by submitted samples, the test results of Cadmium, Lead, Mercury comply with the limits of 2006/66/EC Directive and Amendment 2013/56/EU.



Nicole Chien / Supervisor
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

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Test Result(s)

PART NAME No.1 : BATTERY

Test Item(s)	Unit	Method	MDL	Result	Limit
				No.1	
Cadmium (Cd)	mg/kg	With reference to Battery Industry Standard Analytical Method, EPBA · BAJ · NEMA, April 1998 and performed by ICP-AES.	2	n.d.	20
Lead (Pb) (*)	mg/kg	With reference to Battery Industry Standard Analytical Method, EPBA · BAJ · NEMA, April 1998 and performed by ICP-AES.	2	n.d.	40
Mercury (Hg)	mg/kg	With reference to Battery Industry Standard Analytical Method, EPBA · BAJ · NEMA, April 1998 and performed by ICP-AES.	1	n.d.	5 (#)

Note :

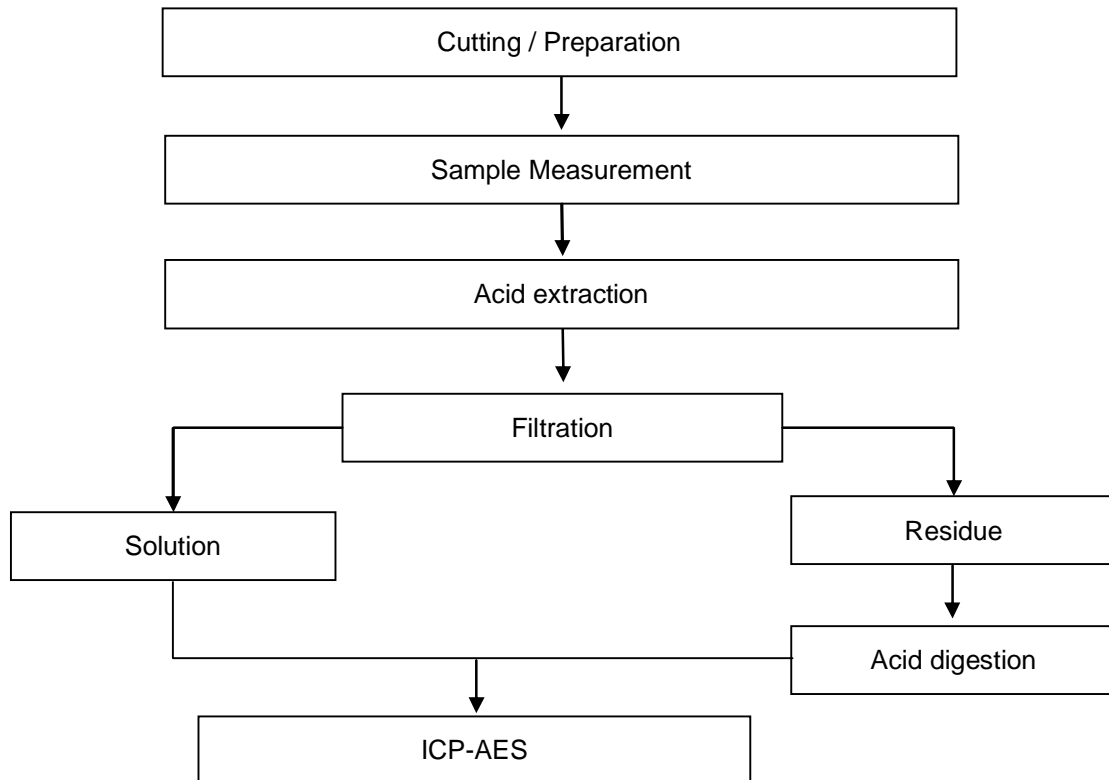
1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. (*): According to the Directive, batteries, accumulators and button cells containing more than 40ppm lead shall be marked with the chemical symbol for the metal concerned: Pb.
5. (#): The exemption for button cells having a mercury content of maximum 2% (20000 mg/kg) by weight will phase out from 1 October 2015.

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Flow Chart of heavy metal analysis for battery

- Name of the person who made measurement: Climbgreat Yang
- Name of the person in charge of measurement: Troy Chang



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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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** End of Report **