

Test Report

No. 2119988/JL

Date : Feb 20 2009

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NEW LEADER BATTERY IND. LTD.
FLAT A, 4/F, BLOCK 1, CAMELPAINT BUILDING,
62 HOI YUEN ROAD, KWUN TONG,
KOWLOON, HONG KONG

The following samples were submitted and identified on behalf of the client as
SR43 1.5V SILVER DIOXIDE BUTTON CELL
SR927 1.5V SILVER DIOXIDE BUTTON CELL
SR1130 1.5V SILVER DIOXIDE BUTTON CELL

SGS Job No. : 2961730
Sample Receiving Date : FEB 10 2009
Testing Period : FEB 10 – 19 2009

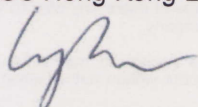
Test Requested : 1) To determine Mercury content in accordance with the US Mercury-Containing Battery Management Act Public Law No 104-142 (1996).
2) To determine Lead, Cadmium and Mercury Content in accordance with European Directive 2006/66/EC.

Test Method : 1) Acid digestion, and then analyzed by Atomic Absorption or Inductively Coupled Argon Plasma Spectrometry.
2) Acid digestion followed by Atomic Absorption Spectrometry or Inductively Coupled Argon Plasma Spectrometry analysis.

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

Conclusion : 1) The submitted battery samples comply with the Mercury content requirements stated in the US Mercury-Containing Battery Management Act Public Law No 104-142 (1996).
2) The submitted samples comply with the heavy metals content requirements stated in European Directive 2006/66/EC.

Signed for and on behalf of
SGS Hong Kong Ltd.



Chan Yu Yan, Cyrus
Section Manager

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Test Results :

1)

For alkaline manganese button cell :

Test item	<u>1</u>	<u>2</u>	<u>3</u>	Limit
Mercury (Hg)	9.7 mg/cell	3.5 mg/cell	7.1 mg/cell	25 mg/cell

Sample Description :

1. SR43 1.5V Silver Dioxide Button Cell
2. SR927 1.5V Silver Dioxide Button Cell
3. SR1130 1.5V Silver Dioxide Button Cell

Note : 1. mg/cell = milligram per cell
2. Detection Limit = 0.1 ppm

2)

For button cells:

Test item	<u>1</u>	<u>2</u>	<u>3</u>	Labeling requirement	Regulatory limit
Lead (Pb)	0.004%#	0.004%#	0.005%#	> 0.004%	---
Cadmium (Cd)	< 0.001%	< 0.001%	< 0.001%	> 0.002%	0.002%
Mercury (Hg)	0.59985%#	0.47540%#	0.60020%#	> 0.0005%	2%

Sample Description :

1. SR43 1.5V Silver Dioxide Button Cell
2. SR927 1.5V Silver Dioxide Button Cell
3. SR1130 1.5V Silver Dioxide Button Cell

Note : 1. < = less than
2. % = percentage by weight
3. # = According to 2006/66/EC, the corresponding chemical symbol beneath the cross-out wheeled bin logo is required if the heavy metal content in button cells exceeded the values specified under labeling requirements.

*** End of Report ***

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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