



Test Report

No.: HKHL1406043748JL

Date: JUN 23, 2014

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The following samples were submitted and identified on behalf of the client as:
LR41 (AG3) 1.5V ALKALINE BUTTON CELL

SGS Case No. : HKHL140600031959
Sample Receiving Date : JUN 13, 2014
Test Performing Date : JUN 13 – 23 , 2014

Test Requested : Please refer to the result summary.

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

Result Summary :

Test Requested	Conclusion
1. European Directive 2006/66/EC and its amendments – Lead, Cadmium and Mercury Content (Selected part as specified by client)	PASS (Label required)
2. US Public Law No 104-142 (1996) Title II – Mercury-Containing Battery Management Act – Mercury Content (Selected part as specified by client)	PASS

Signed for and on behalf of
SGS Hong Kong Ltd.

Che Wai Leuk, Jerry
Section Manager

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Test Result:

1. European Directive 2006/66/EC and its amendments – Lead, Cadmium and Mercury Content

Method : Acid digestion followed by Atomic Absorption Spectrometry analysis.

For button cells:

Test Item	Result (%)	Reporting Limit (%)	Labelling requirement (%)	Permissible Limit (%)
	1			
Lead (Pb)	0.003	0.001	> 0.004	--
Cadmium (Cd)	ND	0.001	> 0.002	0.002
Mercury (Hg)	0.1287 [#]	0.0001	> 0.0005	2
Comment	PASS	--	--	--

Sample Description :

1. LR41 (AG3) 1.5V ALKALINE BUTTON CELL

Note : 1. % = percentage by weight

2. > = greater than

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.

4. ND = Not Detected

2. US Public Law No 104-142 (1996) Title II – Mercury-Containing Battery Management Act – Mercury Content

Method : Acid digestion followed by Atomic Absorption Spectrometry analysis.

For alkaline manganese button cell :

Test Item	Result (mg/cell)	Reporting Limit (mg/cell)	Permissible Limit (mg/cell)
	1		
Mercury (Hg)	ND	1	25
Comment	PASS	--	--

Sample Description :

1. LR41 (AG3) 1.5V ALKALINE BUTTON CELL

Note : 1. mg/cell = milligram per cell

2. mg/kg = milligram per kilogram

3. ND = Not Detected

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TESTED SAMPLE



*** End of Report ***

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