

No. CANEC1816555305

Date: 20 Aug 2018

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TITANIUM INNOVATIONS

50SCHOOL HOUSE RD, UNIT2, OLD SAYBROOK, CT 06475 USA

The following sample(s) was/were submitted and identified on behalf of the clients as : Lithium Manganese Dioxiode Battery

SGS Job No. :	CP18-044466 - SZ
Model No. :	CR123A
Date of Sample Received :	13 Aug 2018
Testing Period :	13 Aug 2018 - 20 Aug 2018
Test Requested :	Selected test(s) as requested by client.
Test Method :	Please refer to next page(s).
Test Results :	Please refer to next page(s).
Conclusion :	The submitted battery sample does not exceed the limit mentioned in Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU.

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Merry W

Merry Lv Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN18-165553.003	"Lithium Manganese Dioxiode Battery"

Remarks :

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

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU- Heavy Metals Content in **Batteries and Accumulators**

Test Method : Acid digestion method, analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>003</u>
Cadmium (Cd)	0.0020	%(w/w)	0.0010	ND
Lead (Pb)	-	%(w/w)	0.0010	ND
Mercury (Hg)	0.0005	%(w/w)	0.0001	ND

Notes :

(1) Results shown are of total weight of the battery sample.

(2) According to the directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU, all types of battery shall include the chemical symbol Lead when containing more than 0.004% of Pb.



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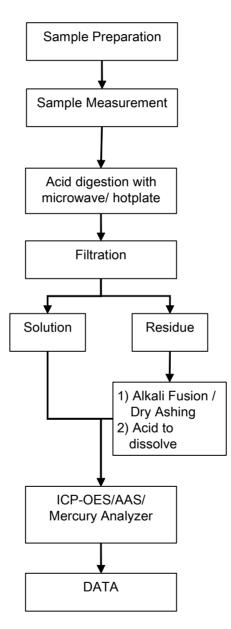
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ATTACHMENTS

Battery Testing Flow Chart

- 1) Name of the person who made testing: Hogan Lv
- 2) Name of the person in charge of testing: Bella Wang





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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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