

## Test Report

No. EC408081400

Date: Jun 04 2008

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SHEN ZHEN OCEANSUN BATTERY CO.,LTD  
OCEANSUN INDUSTRIAL PARK NORTH OF  
LONG CHENG AVENUE,  
LONGGANG SHENZHEN  
CHINA

The following sample was submitted and identified on behalf of the client as :  
LITHIUM - ION BATTERY

SGS Job No. : 1180108  
SGS Reference No : SZ11031591  
Sample Information : INCLUDING POLYMER LITHIUM-ION BATTERY (SOFT-PACK)  
ALUMINIUM CAN BATTERY, STEEL CAN BATTERY  
Date of Sample(s) Received : MAY 28 2008  
Testing Period : MAY 28 - JUN 04 2008  
Test Requested/ : - To determine Lead, Cadmium and Mercury contents according to  
Test Method : SGS In-house method by acid digestion and ICP / AAS Technique  
for 98/101/EC & 91/157/EEC Directives.  
Test Results : Please refer to next page.  
Conclusion : - The submitted battery sample meet the Lead, Cadmium and  
Mercury content requirements of 98/101/EC & 91/157/EEC  
Directives.

Signed for and on behalf of  
SGS Hong Kong Ltd.



Leung Wai Yin Jessica  
Section Manager

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Test Results:

98 / 101 / EC

	<u>1</u>	<u>DL</u>	<u>Limit</u>
Lead (Pb)	n.d.	0.001	0.4
Cadmium(Cd)	n.d.	0.001	0.025
Mercury (Hg)	0.00005	0.00001	0.0005

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

### Note :

- (1) Unit : % , 0.1% = 1000 ppm
- (2) DL = Detection limit
- (3) n.d. = Not Detected
- (4) % = percentage by weight

### Sample Description

- 1 Silvery Battery Pack w/ Black Printing

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Sample photo:

## EC408081400 (Sample 1)



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\*\*\* End Of Report \*\*\*

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## Test Report

No. SH8156797/ CHEM

Date: Nov. 3, 2008

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SHENZHEN OCEANSUN BATTERY CO., LTD  
OCEANSUN INDUSTRIAL PARK, NORTH OF LONGCHENG AVENUE, LONGGANG, SHENZHEN, CHINA

The following sample was submitted and identified by/on behalf of the client as:

Sample Name : BATTERY  
SGS Ref No. : SZ11335053  
Sample Information : AAAA, AAA, AA, A, 18, SC, C, D, F

Sample Receiving Date : Oct.29, 2008  
Testing Period : Oct.29 – Nov.03, 2008

Test Requested/  
Test Method : (1) Acid digestion method and ICP / AAS technique to determine Lead, Cadmium and Mercury contents in accordance with Directives 2006/66/EC

Test Results : Please refer to next page

Conclusion : The submitted battery sample does not exceed the limit mentioned in the Articles 4(1) and 21(3) of Directives 2006/66/EC.

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Sandy Hao  
Lab Manager

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## Test Report

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Test results by chemical method (Unit: %)

<u>Element</u>	<u>Method</u> (refer to)	<u>1</u>	<u>MDL</u>	<u>Limit</u>
Lead (Pb)		ND	0.001	-
Cadmium (Cd)	(1)	ND	0.001	0.002
Mercury (Hg)		ND	0.0001	0.0005

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

### Test Part Description:

#### 1. Battery

#### Note:

- (1) mg/kg = ppm; 0.1% = 1000 ppm
- (2) MDL = Method Detection Limit
- (3) % = Percentage by Weight
- (4) ND = Not Detected
- (5) "-" = Not Regulated

#### Remark:

According to the Article 21(3) of Directive 2006/66/EC, Battery, Accumulator and Button cell 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 Lead when containing more than 0.004% of Pb.

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Sample photo:



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