



Test Report No. 68.413.22.0102.01
Rev. 02
Dated 2023-01-09

Applicant:

Address:

Attn.:

Sample Description: Rechargeable Li-ion Battery

Tested Model No.: 18650 2200mAh

Ref. Model No.: 14500 600mAh, 14500 650mAh, 14500 700mAh, 14500 750mAh, 14500 800mAh, 18650 1300mAh, 18650 1500mAh, 18650 1800mAh, 18650 2500mAh, 18650 2600mAh, 10430 260mAh, 10430 320mAh, 18350 600mAh, 18350 700mAh, 18350 800mAh, 18350 900mAh, 18350 1000mAh, 18350 1100mAh, 14430 600mAh, 14430 650mAh, 14430 700mAh, 18500 1200mAh, 18500 1300mAh, 18500 1400mAh, 18500 1500mAh, 10400 260mAh, 10440 320mAh, 10440 350mAh, 16500 850mAh, 14280 350mAh, 14650 1000mAh, 14650 1050mAh, 14650 1100mAh, 14650 1200mAh, 21700 4000mAh, 21700 3000mAh, 10280-180mAh, 16650-1800mAh, 16340-700mAh, 14280 400mAh .

Supplier:

Sample Received Date: 2022-12-28

Date:

Test Period: From 2022-12-28 to 2023-01-03

Location of Testing: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Purpose of examination: As specified by client, to test below item as stated in EU Directive 2006/66/EC and its amendment 2013/56/EU– on batteries and accumulators and waste batteries and accumulators

- Cadmium, Mercury and Lead content

PASS

Test Result: Refer to following page(s)

Remark: - The result relates only to the items tested.
 - The reference model(s) was declared by client.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
 TÜV SÜD Group

Prepared by:

Reviewed by:

Elsa Deng



Scarlett Liang

Elsa Deng
Project Handler

Scarlett Liang
Designated Reviewer


Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4.

Disclaimer Measurement Uncertainty: Unless otherwise agreed upon, pass or fail verdicts are given based on the measured values without consideration of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as pass or fail.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
 TÜV SÜD Group
 Building 12 & 13, Zhiheng Wisdomland Business Park,
 Guankou Erlu, Nantou, Nanshan District,
 Shenzhen, Guangdong 518052 China

Tel.: (86) 755 88286998
 Fax: (86) 755 88285299

1. TESTED SUBJECT DESCRIPTION

Test No.	Sample No.	Tested Material Description	Photo
T1	001	Purple packed battery (18650 2200mAh)	





Test Report No. 68.413.22.0102.01
Rev. 02
Dated 2023-01-09

2. TEST RESULT

2.1. CADMIUM, MERCURY AND LEAD CONTENT TEST

Test Method: Acid digestion, analyzed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Test Item	Result [%]	Maximum Permissible Limit [%]
	Sample 001	
Cadmium (Cd)	< 0.0002	0.002
Mercury (Hg)	< 0.0002	0.0005
Lead (Pb)	< 0.0004	--

Note:

- “%” denotes percentage by weight
- “<” denotes less than
- The specification was quoted from EU Directive 2006/66/EC.
- “--” indicates no specified limit for lead in EU Directive 2006/66/EC.
- If batteries, accumulators and button cells containing more than 0.0005% mercury, more than 0.002% cadmium or more than 0.004% lead, shall be marked with the chemical symbol for the metal concerned: Hg, Cd or Pb.

-----End of Report-----