Test Report

Report No.	:	**1815C50486212801**
Applicant	:	**VTC POWER CO.,LTD**
Address	:	**Room 1205C,Block C ,1st Building,Hengming One,Huilong Pu Industrial Area, Longgang District,Shenzhen,China**
Product Name	:	**Lithium Polymer Battery**
Report Date	:	**2025-09-16**

Shenzhen Anbotek Compliance Laboratory Limited

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Address	:	Room 1205C,Block C ,1st Building,Hengming One,Huilong Pu Industrial Area, Longgang District,Shenzhen,China

The submitted sample and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	:	Lithium Polymer Battery
Test Model No.	:	LP1153160 14Ah
Reference Model No.	:	Please refer to the following page(s)
Material	:	Cobalt electrode
Manufacturer	:	VTC POWER CO.,LTD
Sample Received Date	:	2025-08-28
Testing Period	:	2025-08-28~2025-09-10

Test Requested :

As specified by client, in accordance with the Regulation (EU) 2023/1542, to test the Lead(Pb), Cadmium(Cd) and Mercury(Hg) in the submitted sample(s).

Conclusion

PASS

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)
Lead(Pb)/ Cadmium(Cd)	IEC 62321-5:2013	ICP-OES
Mercury(Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES

Test Result(s): Please refer to the following page(s).

Edited by Giva Xu Reviewed by Zoe zheng Authorized Signatory

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Reference Model No. :

LP1053160-1S2P 27000mAh,LP1053160 13500mAh,LP935074-1S2P 9400mAh,LP935074 9400mAh,
LP9053160 1S2P 22000mAh,LP9053160 11000mAh,LP8050116-1S2P 13800mAh,
LP8050116 6900mAh,LP954674 4050mAh,LP503759 1200mAh,LP501525 130mAh,
LP443441 660mAh,LP103450 2100mAh,LP103450 2000mAh,LP103450 1S2P 4000mAh,
LP103450 1800mAh,LP654040 1200mAh,LP602570 1000mAh,LP532030 275mAh,LP502035 300mAh,
LP103848 2250mAh,LP353048 510mAh,LP7570100 6800mAh,LP70103122 8700mAh,
LP502035 300mAh,LP602030 300mAh,LP603450 1200mAh,LP604050 1500mAh,LP102050 1000mAh,
LP104060 3000mAh,LP401235 120mAh,LP603030 500mAh,LP706090 5000mAh,LP802030 400mAh,
LP803450 1500 mAh,LP503035 1000mAh,LP802528 500mAh,LP805185 4000mAh,
LP9559104 6000mAh,LP32105140 6000mAh,LP388085 3800mAh,LP6080130 8000mAh,
LP652540 650mAh,LP756077 4800mAh,LP6759104 5000mAh,LP502030 200mAh,LP503040 900mAh,
LP507680 3500mAh,LP502036 300mAh,LP503048 700mAh,LP103040 1200mAh,LP103048 1500mAh,
LP103465 2200mAh,LP302545 320mAh,LP341132 95mAh,LP301030 60mAh,LP104770 4000mAh,
LP352025 135mAh,LP352535 270mAh,LP501235 150mAh,LP484594 2200mAh,LP501614 80mAh,
LP492328 300mAh,LP501230 120mAh,LP805050 2200mAh,LP853864 2600mAh,LP501842 320mAh,
LP853450 1500mAh,LP552535 450mAh,LP503030 430mAh,LP505070 1700mAh,LP603040 750mAh,
LP603048 900mAh,LP605056 2000mAh,LP506080 2400mAh,LP6760100 4600mAh,LP784562 250mAh,
LP704060 1800mAh,LP803648 1200mAh,LP794254 2100mAh,LP903048 1300mAh,
LP903562 2000mAh,LP903550 1800mAh,LP574040 1200mAh,LP113465 3000mAh,
LP404050 1100mAh,LP503450 1000mAh,LP783875 2800mAh,LP104567 3500mAh,LP351524 100mAh

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Tested Sample/Part Description:

1 Battery
2 Battery

Test Result(s):

Tested Item(s)	Result (%)		MDL (%)	Limit (%)
	1	2		
Lead (Pb)	N.D.	N.D.	0.0002	0.01
Cadmium (Cd)	N.D.	N.D.	0.0002	0.002
Mercury (Hg)	N.D.	N.D.	0.00005	0.0005

Note:
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-%= Percentage by weight
-Results shown are of total weight of the battery sample.

Remark:
According to Regulation (EU) 2023/1542:
-Annex I-Restriction on substances:
1. Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0.0005% of mercury (expressed as mercury metal) by weight.
2. Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0.002% of cadmium (expressed as cadmium metal) by weight.
3. (1):From 18 August 2024, portable batteries, whether or not incorporated into appliances, shall not contain more than 0.01% of lead (expressed as lead metal) by weight.
   (2):The restriction set out in point (1) shall not apply to portable zinc-air button cells until 18 August 2028.

-All batteries containing more than 0.002% cadmium or more than 0.004% lead, shall be marked with the chemical symbol for the metal concerned: Cd or Pb.

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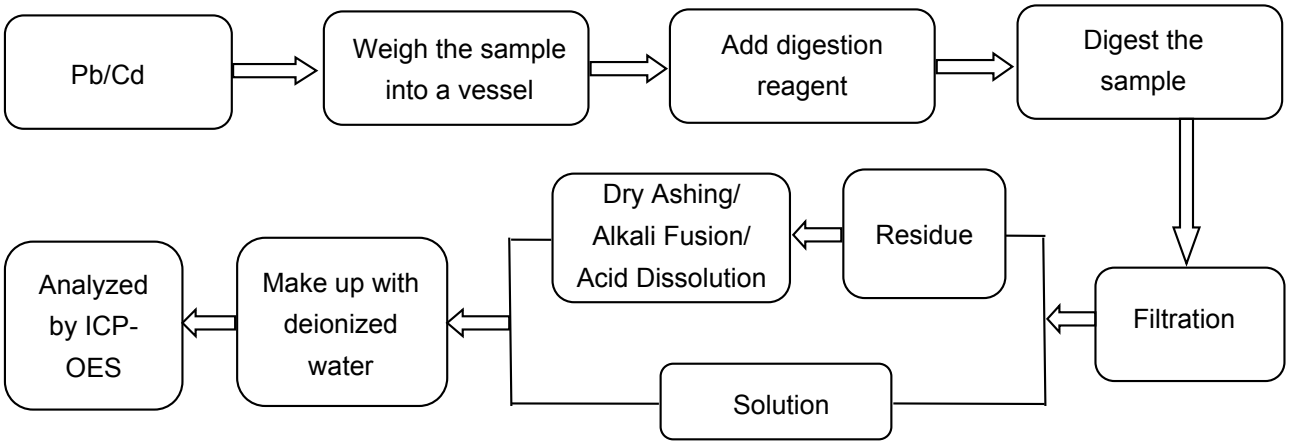
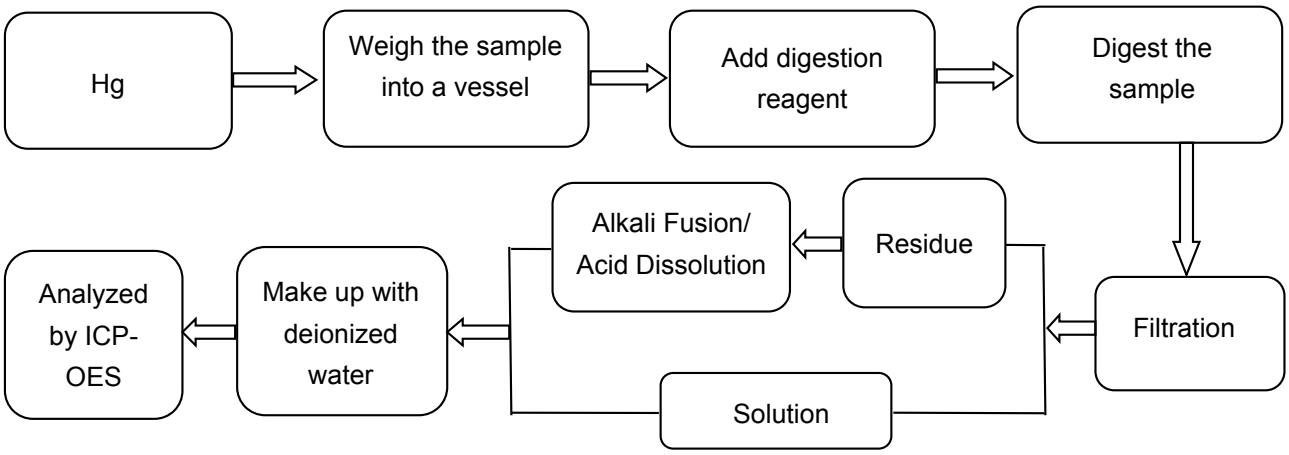
Test Process:

◆ **IEC 62321-5:2013**



◆ **IEC 62321-4:2013+AMD1:2017**



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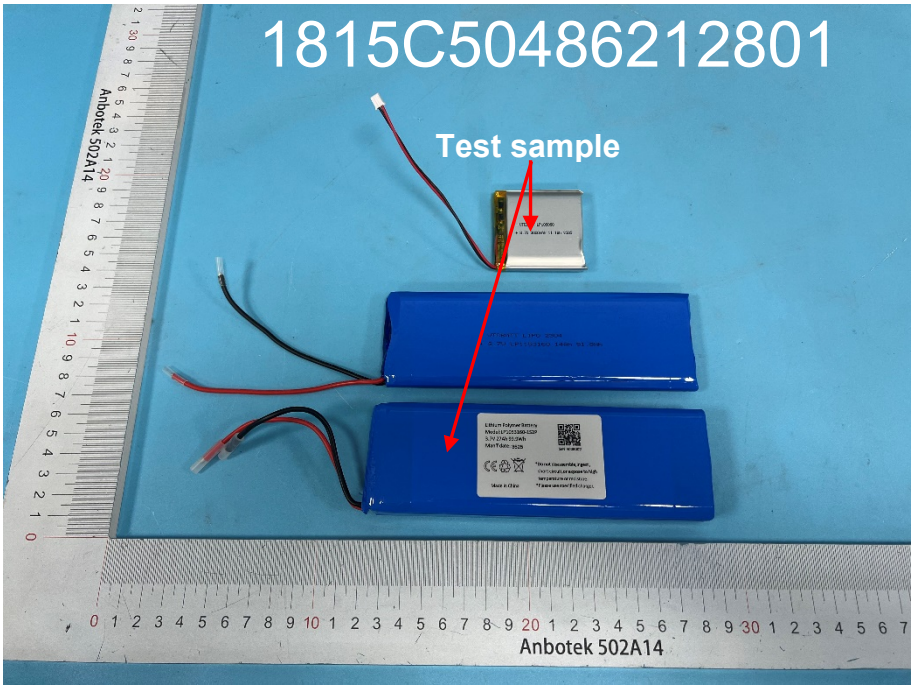
Photograph of Sample



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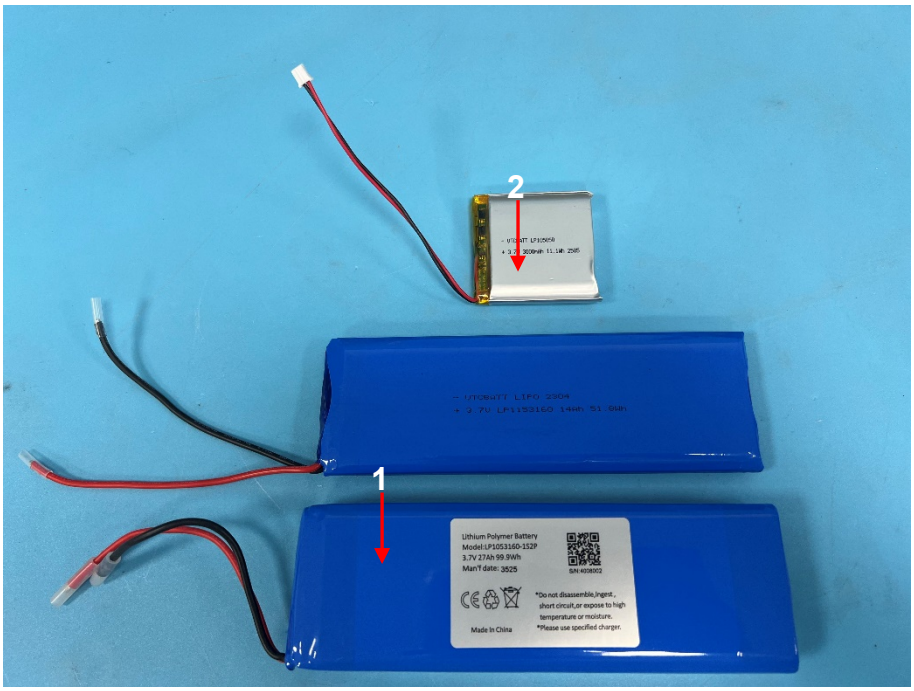

***** End of Report *****

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Testing Laboratory: Shenzhen Anbotek Compliance Laboratory Limited
401, 402, Building A, Hourui No.3 Industrial Zone, No. 2 Kaicheng Road, Hourui Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China.

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