

测试报告 Test Report

报告编号 Report No.: TCT241223C007001-2

日期 Date: 2025-01-02

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申请单位:

Applicant:

地址:

Address:

以下测试样品由申请单位提供及确认(The following sample was submitted and identified by/on behalf of the client as):

样品名称(Sample Name): 聚合物锂离子电芯 Polymer Li-ion Cell

型号(Model No.): 1160100-10000

系列型号(Client Reference 其他型号见附件(Other model please see annex)

Information):

商标(Trade Mark):



样品接收日期(Sample

2024.12.23

Received Date):

测试日期(Testing Period): 2024.12.23-2025.01.02

测试方法(Test Method): 请参见后续页(Please refer to the following pages)。

测试结果(Test Result): 请参见后续页(Please refer to the following pages)。

备注(Remark): 此报告替代测试报告 TCT241223C007001 (The report is to supersede test report TCT241223C007001-1).

测试要求(Test Requested)	结论(Conclusion)
根据客户要求, 依据欧盟电池法规(EU) 2023/1542 附录 I 对所提交样品中的铅 (Pb)、镉 (Cd)、汞 (Hg) 的含量(As specified by client, to determine the Lead (Pb), Cadmium (Cd), Mercury (Hg) contents of the submitted sample(s) in accordance with Regulation (EU) 2023/1542 Annex I).	合格(Pass)

审核人/ Checked by

Evan Fang

Evan Fang

批准人/Approved by

Ryan Zhang

Ryan Zhang
技术经理/Technical Manager

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Annex

Model:

序号	型号	容量	电压	序号	型号	容量	电压
1	606090	4000	3.7V	31	906090	7200	3.7V
2	954390	4000	3.7V	32	906093	7500	3.7V
3	124065	4000	3.7V	33	1376074	8000	3.7V
4	955565	4000	3.7V	34	106090	8000	3.7V
5	105568	5000	3.7V	35	9060100	8000	3.7V
6	115570	4500	3.7V	36	9060110	8000	3.7V
7	124672	4600	3.7V	37	7565110	8000	3.7V
8	855573	5000	3.7V	38	126090	8000	3.7V
9	115570LP	5000	3.2V	39	7565121	8000	3.7V
10	115570	5000	3.7V	40	7565113	8000	3.7V
11	656090	5000	3.7V	41	1260110	9000	3.7V
12	5560100	5000	3.7V	42	1160100	9000	3.7V
13	6060100	5000	3.7V	43	8870129	9000	3.7V
14	6060110	5000	3.7V	44	9065115	9000	3.7V
15	105568	5000	3.7V	45	1155110	9000	3.7V
16	124861	5000	3.7V	46	1260110	9500	3.7V
17	955465	5000	3.7V	47	5494130	10000	3.7V
18	954390	5000	3.7V	48	1260110LP	10000	3.2V
19	135560	5000	3.7V	49	1260110	10000	3.7V
20	656583	5000	3.7V	50	1165110	10000	3.7V
21	906090	6000	3.7V	51	1160100	10000	3.7V
22	806090	6000	3.7V	52	1260100	10000	3.7V
23	135063	6000	3.7V	53	8870129	10000	3.7V
24	105673	6000	3.7V	54	9565125	10000	3.7V
25	905582	6000	3.7V	55	1155110	10000	3.7V
26	7060100	6700	3.7V	56	9065115	10000	3.7V
27	9647118	7000	3.7V	57	1060110	10000	3.7V
28	116090	7000	3.7V	58	1257867	10000	3.7V
29	7565121	7000	3.7V	59	127393	11600	3.7V
30	135570	7000	3.7V	60	8080130	12500	3.7V

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测试结果 (Test Results):

铅、镉和汞的含量(Lead, Cadmium and Mercury Content(s))

测试方法(Test Method): 参考(With reference to)IEC62321-4:2013+AMD1:2017, IEC 62321-5:2013 ,
分析仪器为(Analysis was performed by) ICP-OES

测试项目 (Test Items)	单位 (Unit)	MDL	标签要求(Labelling Requirement) #	限值 (Limit)	结果 (Result(s))
铅 Lead(Pb)	%	0.0010	>0.004	0.01*	N.D.
镉 Cadmium(Cd)	%	0.0010	>0.002	0.002**	N.D.
汞 Mercury(Hg)	%	0.0001	-	0.0005	N.D.

样品描述(Specimen Description):

1. 电池(Battery)

说明(Note):

- MDL=方法检出限 (Method Detection Limit)
- N.D. =未检出(Not detected), 小于方法检出限(less than MDL)
- 1mg/kg = 1ppm = 0.0001%
- “-” = 未明确规定/不适用 (Not Regulated/ Not Applicable)
- * = 便携式电池, 无论是否与设备结合, 铅 $\leq 0.01\%$; 2028 年 8 月 18 日前不适用于便携式锌空气纽扣电池(Portable batteries, whether or not incorporated into appliances, shall not contain more than 0.01 % of lead (expressed as lead metal) by weight; The restriction shall not apply to portable zinc-air button cells until 18 August 2028.)。
- ** = 便携式电池, 无论是否安装在器具、轻型运输工具或其他车辆上, 其镉含量(以金属镉表示)的重量不得超过 0.002%(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.)。
- # = 根据法规(EU) 2023/1542 条款 13, 镉含量超过 0.002%或铅含量超过 0.004%的所有电池应在标签中标注相应的化学元素符号: Cd 或 Pb(= According to Regulation (EU) 2023/1542 Article 13, 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.)。
- 根据法规(EU) 2023/1542 附录 VI, 所有的电池都应该标注单独收集标识(According to Regulation (EU) 2023/1542 annex VI, all batteries should be marked with symbol for

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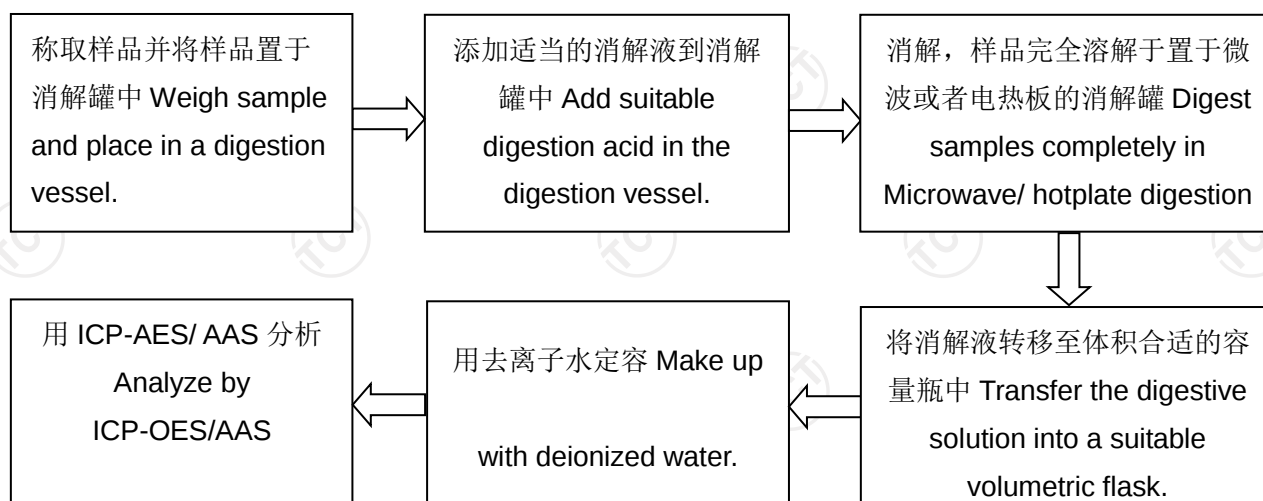
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separate collection of batteries).

- 备注(Remark):
- 测试结果是基于电池样品的整体重量来计算的(Result(s) shown is/are of total weight of the battery sample.)。
 - 测试报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考(The test report is only used for customer research, teaching, internal quality control, product development, etc., only for internal reference only).

测试流程图 (Test Flow Chart)



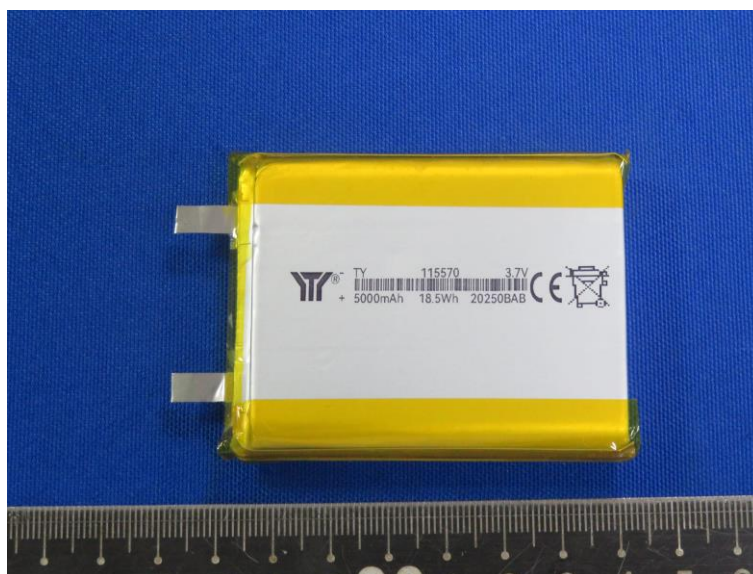
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样品图片 Photo(s) of the sample(s)

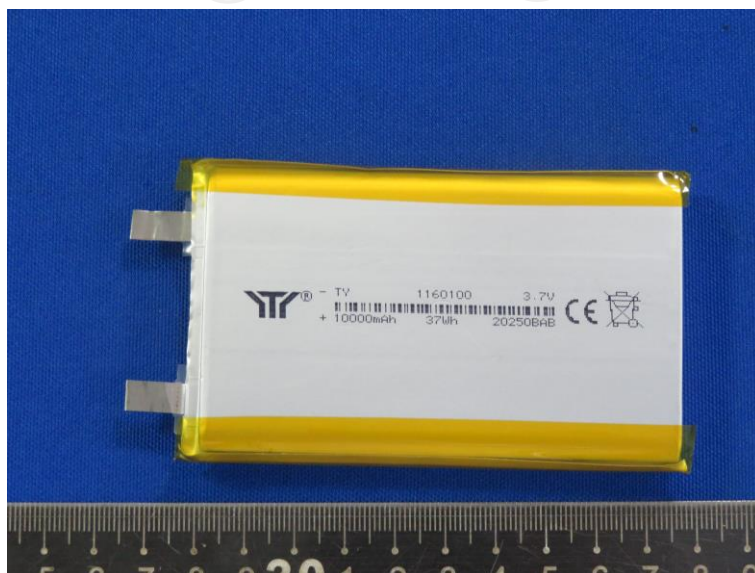
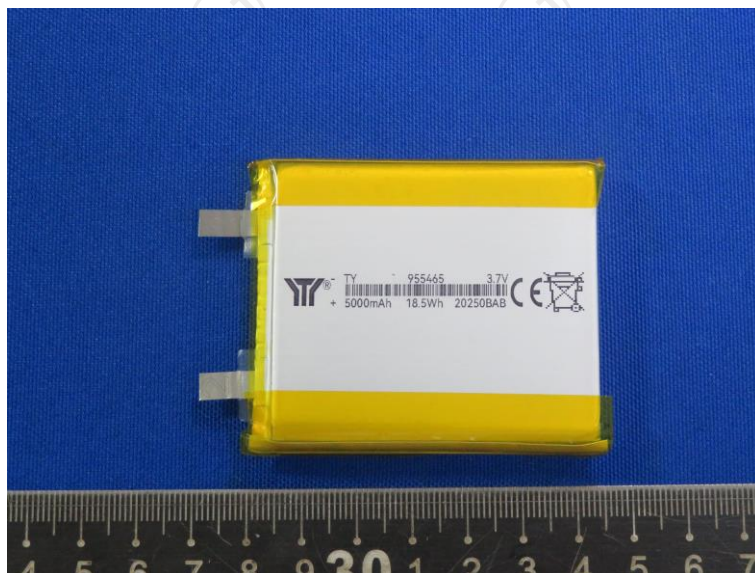


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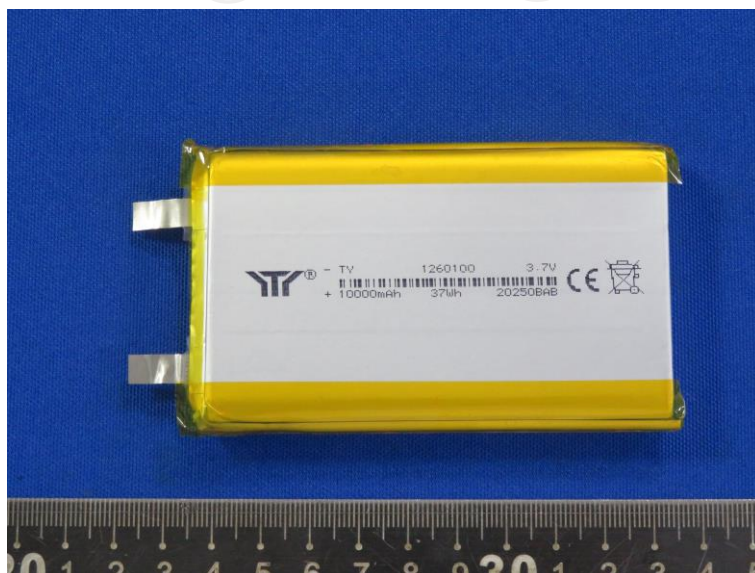
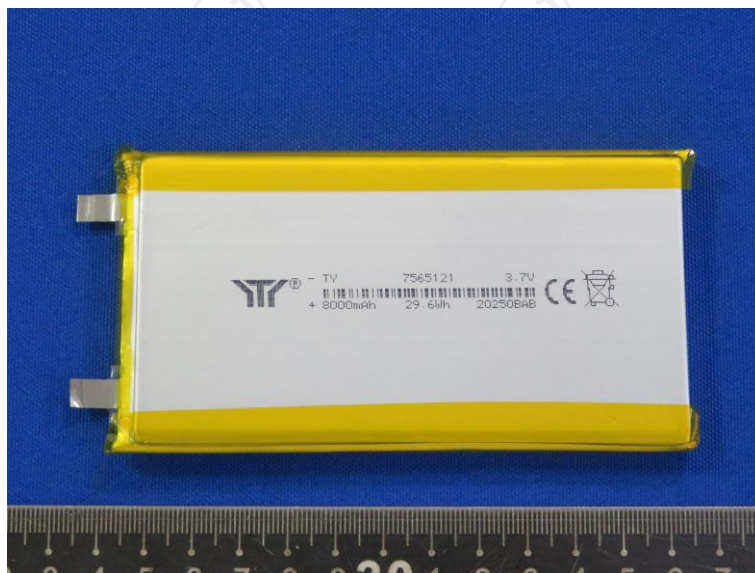


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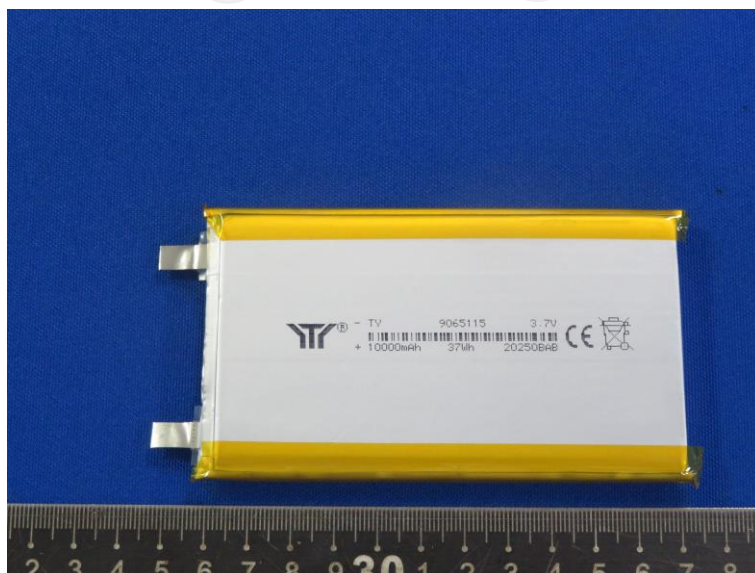


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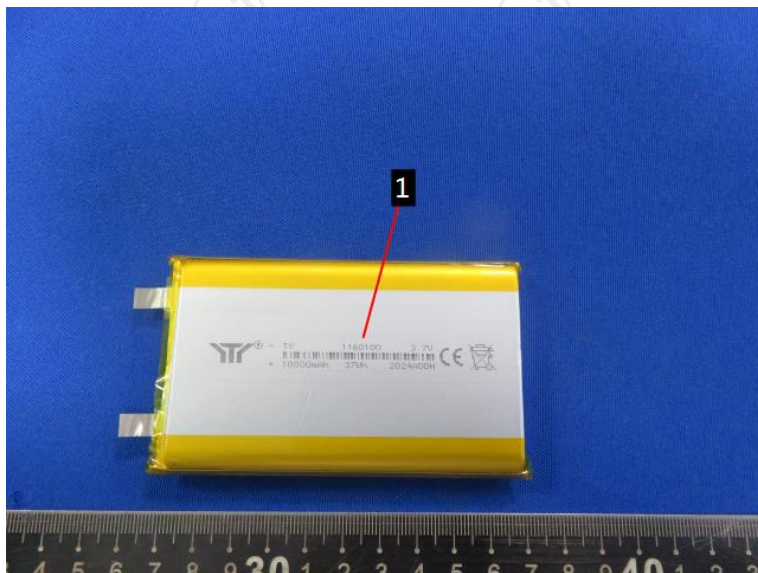


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***报告结束 End of Report ***

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