

检测报告
Test Report报告编号 A2250741498101001E
Report No. A2250741498101001E第 1 页 共 6 页
Page 1 of 6报告抬头公司名称 广州明美新能源股份有限公司
Company Name TWS TECHNOLOGY (GUANGZHOU) LIMITED.
shown on Report
地 址 广州市高新技术产业开发区科学城南云三路39号
Address NO.39 NANYUNSAN ROAD, SCIENCE PARK, HI-TECH INDUSTRIAL
DEVELOPMENT ZONE, GUANGZHOU

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

样品名称 P0011
Sample Name P0011
样品接收日期 2025.10.11
Sample Received Date Oct. 11, 2025
样品检测日期 2025.10.11-2025.10.15
Testing Period Oct. 11, 2025 to Oct. 15, 2025检测要求 根据客户要求, 按照欧盟法规(EU) 2023/1542要求, 对所提交样品中的铅(Pb), 镉(Cd), 汞(Hg)进行测试。
Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg) in the submitted sample(s) according to Regulation (EU) 2023/1542.检测依据/检测结果 请参见下页。
Test Method/Test Result(s) Please refer to the following page(s).结论 检测结果显示, 所提交样品符合欧盟法规(EU) 2023/1542的物质限制要求。
Conclusion The test results show that the submitted sample complies with the restriction on substances requirements of regulation (EU) 2023/1542.

郑晴涛

技术经理 Technical Manager

日 期
Date

2025.10.15

No. R177732130

广东省深圳市宝安区新安街道兴东社区华测检测大楼

检验检测专用章 证集团股份有限公司
Inspection & Testing Seal CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

检测报告
Test Report

报告编号 A2250741498101001E
Report No. A2250741498101001E
检测依据 Test Method

第 2 页 共 6 页
Page 2 of 6

测试项目 Test Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅 Lead (Pb)	参考 IEC 62321-5:2013 Refer to IEC 62321-5:2013	ICP-OES
镉 Cadmium (Cd)	参考 IEC 62321-5:2013 Refer to IEC 62321-5:2013	ICP-OES
汞 Mercury (Hg)	参考 IEC 62321-4:2013+AMD1:2017 CSV Refer to IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES

检测结果 Test Result(s)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
铅 Lead(Pb)	0.0010 %	0.0002 %
镉 Cadmium(Cd)	N.D.	0.0002 %
汞 Mercury(Hg)	N.D.	0.0001 %

样品/部位描述 Sample/Part Description

序号 No.	CTI 样品 ID CTI Sample ID	描述 Description
1	001	电池 Battery

备注： 对于检测铅，镉，汞之样品已消解完全。
-N.D. = 未检出（小于方法检出限）

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)

检测报告

Test Report

报告编号 A2250741498101001E

Report No. A2250741498101001E

第 3 页 共 6 页

Page 3 of 6

注释:

1. 欧盟法规(EU) 2023/1542物质限制要求

- 1) 电池无论是否安装在设备、轻型运输工具或其他车辆中, 汞 $\leq 0.0005\%$ 。
 - 2) 便携式电池, 无论是否装在设备、轻型运输工具或其他车辆上, 镉 $\leq 0.002\%$ 。
 - 3) 自2024年8月18日起, 便携式电池, 无论是否包含在设备中, 铅 $\leq 0.01\%$ 。
 - 4) 第3)点所列限制在2028年8月18日前不适用于便携式锌空气纽扣电池。
2. 含镉超过0.002%或含铅超过0.004%, 应标注对应化学符号Cd 或 Pb。

Note:

1. The restriction on substances requirements of regulation (EU) 2023/1542

- 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) 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.
 - 4) The restriction set out in point 3) shall not apply to portable zinc-air button cells until 18 August 2028.
2. 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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报告编号 A2250741498101001E

Report No. A2250741498101001E

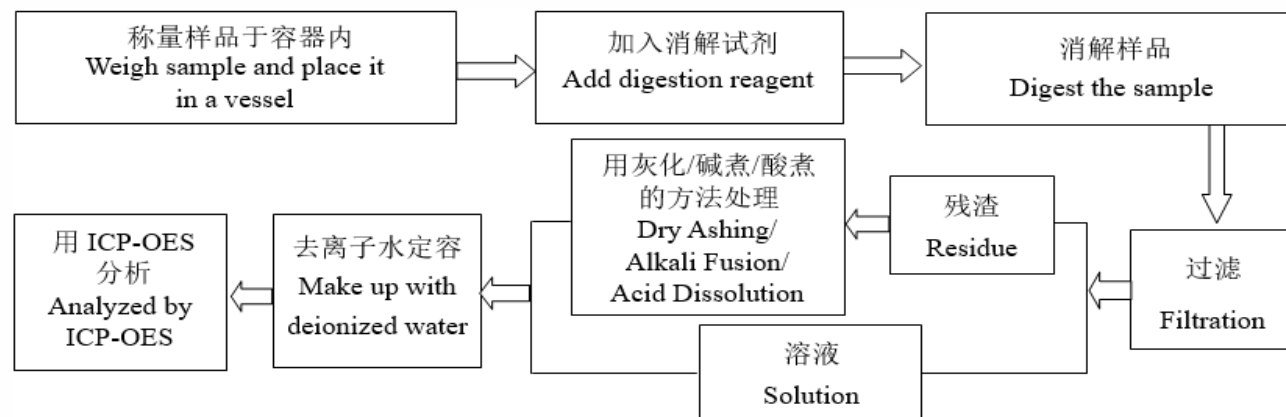
第 4 页 共 6 页

Page 4 of 6

检测流程 Test Process

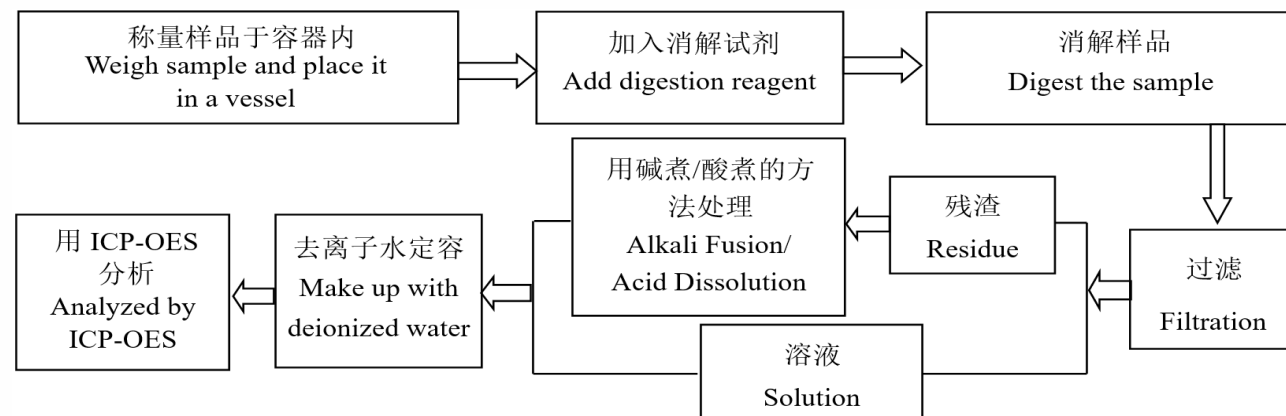
1. 铅(Pb)， 镉(Cd)

Lead (Pb), Cadmium (Cd)



2. 汞(Hg)

Mercury (Hg)



检测报告 Test Report

报告编号 A2250741498101001E
Report No. A2250741498101001E

第 5 页 共 6 页
Page 5 of 6

样品图片 Photo(s) of the sample(s)



检测报告 Test Report

报告编号 A2250741498101001E

Report No. A2250741498101001E

第 6 页 共 6 页

Page 6 of 6

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1. 本报告无批准人签字、“专用章”及报告骑缝章无效;
This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. 报告抬头公司名称及地址、样品及样品信息由申请者提供, 申请者应对其真实性负责, CTI未核实其真实性;
The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. 本报告检测结果仅对受测样品负责;
The result(s) shown in this report refer(s) only to the sample(s) tested;
4. 除非另有说明, 报告参照ILAC-G8:09/2019 / CNAS-GL015:2022使用简单接受(w=0)二元判定规则进行符合性判定;
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. 未经CTI书面同意, 不得部分复制本报告;
Without written approval of CTI, this report can't be reproduced except in full;
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In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

报告结束

*** End of report ***