



中国认可
检验
INSPECTION
CNAS IB0078

危险物品
DANGEROUS GOODS

仅限货机运输

航空运输危险性鉴别报告

Identification and Classification Report for Air Transport of Goods

报告编号: PEKQD202312141947QF920001

Issued No.:

生效日期: 2024. 01. 01

Effective Date:

此报告本年度有效
有效期至2024年12月31日

委托单位: 深圳市高巨能科技有限公司

Applicant: SHENZHEN GMCELL TECHNOLOGY CO., LTD

物品名称: 锂锰电芯 CR2032 3.0V 220mAh

Name of Goods: Lithium Manganese Dioxide Button Cell CR2032 3.0V 220mAh

北京迪捷姆空运技术开发有限公司

Beijing DGM Air Transport Technology Development Co.,Ltd.



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项目编号 Item No.		PEKQD202312141947	签发日期 Issued Date	2023.12.15
鉴别目的 Identification Purpose		是否属于航空运输危险物品 Dangerous Goods or not restricted	鉴别日期 Identification Date	2023.12.15
鉴别依据 Identification Criteria		IATA DGR 65th, 2024		
物品名称 Name of Goods	中文 Chinese	锂锰电芯 CR2032 3.0V 220mAh		
	英文 English	Lithium Manganese Dioxide Button Cell CR2032 3.0V 220mAh		
生产厂家 Manufacturer		深圳市高巨能科技有限公司 SHENZHEN GMCELL TECHNOLOGY CO., LTD		
件数 Pieces		注：本栏内容为托运人或其代理人在使用本报告书时候填写的运输信息，不属于鉴定内容。运输信息与报告书的关联性以及实际运输货物与报告书的一致性由托运人或其代理人保证，如发生任何不一致由托运人或其代理人承担全部责任。 (请认真填写本栏内容，并盖章) 负责人： 联系方式：		
运单号 Air waybill No.				
目的港 Destination				
物品信息 Nature of the goods	<p>该样品为银色扣式电芯。 型号：CR2032 尺寸：Φ20.0*3.2(mm) 每包装件中电池/电芯数量：560 每包装件中电池/电芯净重：1.62kg 该电芯已经做好防短路措施并装入坚固的外包装内。 该锂电芯不属于召回电芯，不属于废弃和回收电芯，并按照DGR3.9.2.6.1(e)规定的质量体系进行制造 (注：单块电芯的重量约为2.9g。该电芯的UN38.3报告由深圳立讯检测股份有限公司出具，报告编号：LCSA123022038SA。1.2米跌落测试报告由深圳立讯检测股份有限公司出具，报告编号：LCSA123022038SB。堆码试验报告由深圳立讯检测股份有限公司出具，报告编号：LCSA123022038SD。该电芯由吸塑盘分开包装，以防止短路。)</p> <p>This sample is silver button cell. Model: CR2032 Size: Φ20.0*3.2(mm) Number of batteries / cells per package: 560 Net quantity of batteries/cells per package: 1.62kg Cells have been protected so as to prevent short circuits and packed in strong rigid outer packagings. The lithium cells don't belong to cells returned to the manufacturer for safety reasons, are not waste lithium cells and not lithium cells being shipped for recycling or disposal, are manufactured under a quality management program as described in 3.9.2.6.1(e).</p>			



项目编号 Item No.		PEKQD202312141947		
物品名称 Name of Goods	中文 Chinese	锂锰电芯 CR2032 3.0V 220mAh		
	英文 English	Lithium Manganese Dioxide Button Cell CR2032 3.0V 220mAh		
鉴别结论 Conclusions		<p>该物品为锂金属/合金电芯，单独包装。锂含量为0.06克。已通过 UN38.3 测试，已通过包装件1.2米跌落试验，包装件通过3米堆码试验，每个包装件上均有锂电池标记。</p> <p>参考有关资料，根据DGR有关规定，该物质分类识别为第9类（或项）危险品，UN3090。 This goods is lithium metal/alloy cell,packed individually.The lithium content is 0.06g.Each battery is of a type proved to meet the Requirements of each test in the UN MANUAL OF TESTS AND CRITERIA, Part III, sub-section 38.3,Each package is capable of withstanding a 1.2m drop test in any orientation without damage to the cells contained therein, without shifting of the contents so as to allow cell to cell contact and without release of contents,The package is capable of withstanding the 3m stack test,Each package is marked with lithium battery mark.</p> <p>According to IATA DGR this substance is classified as dangerous goods Class (or division)9,UN3090.</p>		
运输危险性建议 Suggestion for Transport	UN/ID 编号 UN/ID No.	运输专用名称 Proper Shipping Name		类或项 Class or Div. (次要危险性) (Subsidiary Risk)
	UN3090	Lithium metal batteries		9
	包装说明 Packing Inst.	客货机 Passenger and Cargo Aircraft	Forbidden	
		仅限货机 Cargo Aircraft only	968 IB	
	注意事项 Remarks	<p>每一单电芯必须做好防短路措施，并装入坚固外包装内。 each single cell must be packed in such a way as to prevent short circuits under the normal conditions and packed in strong outer packing.</p>		
主检员 Prepared by:	审核人 Checked by:		批准人 Approved by:	报告单位（盖章） Stamp
	郭高丰		石芸杰	北京迪捷姆空运技术开发有限公司 DGM-CHINA

制单： 郭高丰



锂锰电芯 CR2032 3.0V 220mAh

PEKQD202312141947



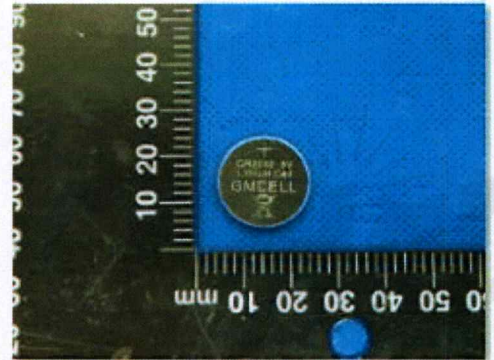
2



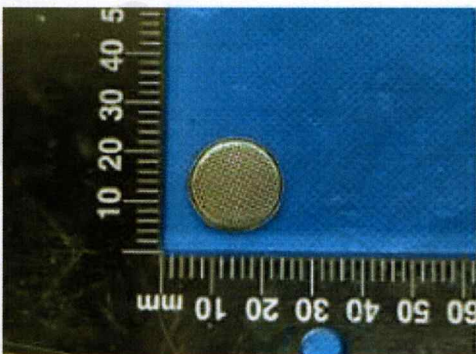
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锂电池 UN38.3 试验概要 Lithium Battery Test Summary

项目编号: PEKQD202312141947

单位信息 Company Information					
委托单位 Consignor	深圳市高巨能科技有限公司 SHENZHEN GMCELL TECHNOLOGY CO., LTD				
生产单位 Manufacturer	深圳市高巨能科技有限公司 SHENZHEN GMCELL TECHNOLOGY CO., LTD 深圳市宝安区新安街道 27 区华联城市全景 G 栋 2205&2206 Room G2205-G2206, Hualian Panorama International Building, 27 District, Bao'an, Shenzhen, China 电话/Tel: +86-0755-29497371 邮箱/Mail: gmcell@gmcell.net 网址/Website: www.gmcell.net.cn				
测试单位 Test Lab	深圳立讯检测股份有限公司 Shenzhen LCS Compliance Testing Laboratory Ltd. 广东省深圳市宝安区沙井街道衙边学子围巨基工业园 A 栋 101、201, C 栋 301 Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 电话/Tel: +(86) 0755-8259 1330 邮箱/Mail: webmaster@lcs-cert.com 网址/Website: http:// www.lcs-cert.com				
电池信息 Battery Information					
名称 Name	锂锰电芯 Lithium Manganese Dioxide Button Cell	电池/电芯类别 Battery/Cell Classification		锂金属电芯 Lithium Metal Cell	
型号 Type	CR2032	商标 Trademark		GMCELL	
额定电压 Normal Voltage	3.0V	额定容量 Rated Capacity		220mAh	
额定能量 Watt-hour rating	/	外观/Appearance		银色 扣式 Silver Button	
质量/Mass	2.9g	锂含量/Li Content		0.06g	
测试信息 Test Information					
测试报告编号 Test Report Number	LCSA123022038SA		测试报告签发日期 Date of Test Report	2023-02-02	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》(第 7 版修订 1) 38.3 节 UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Amend1/Subsection 38.3				
T.1: 高度模拟 Altitude Simulation	通过 Pass	T.2: 温度试验 Thermal Test	通过 Pass	T.3: 振动 Vibration	通过 Pass
T.4: 冲击 Shock	通过 Pass	T.5: 外部短路 External Short Circuit	通过 Pass	T.6: 撞击/挤压 Impact/Crush	通过 Pass
T.7: 过度充电 Overcharge	不适用 N/A	T.8: 强制放电 Forced Discharge	通过 Pass	/	
UN38.3.3(f)	不适用 N/A		UN38.3.3(g)	不适用 N/A	
签名 Signatory 职务 Title	郭高丰 检验员		签发日期 Issued Date	2023-12-14	