



NO.212400903330071



中国认可
检验
INSPECTION
CNAS IB0071

运输危险性鉴定书

Hazard Classification and
Identification Report for Transport of Goods

锂电池—符合包装说明970第II部分

样品名称 : TempTale4 运输用电子标签 (内置锂金属电池CR2032, 3V, 220mAh)

Sample name: TempTale4 In-Transit Temperature TagAlert (with Lithium Battery CR2032, 3V, 220mAh)

委托单位 : 上海开利运输冷气设备有限公司
SHANGHAI CARRIER TRANSCOLD EQUIPMENT CO., LTD

生产单位 : 上海开利运输冷气设备有限公司
SHANGHAI CARRIER TRANSCOLD EQUIPMENT CO., LTD



上海化工院检测有限公司
SHANGHAI INSTITUTE OF CHEMICAL INDUSTRY TESTING CO.,LTD.



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| 样品名称 Sample Name | 中文 Chinese | TempTale4 运输用电子标签 (内置锂金属电池CR2032, 3V, 220mAh) | | | | | |
| | 英文 English | TempTale4 In-Transit Temperature TagAlert (with Lithium Battery CR2032, 3V, 220mAh) | | | | | |
| 委托单位 Applicant | | 上海开利运输冷气设备有限公司 SHANGHAI CARRIER TRANSCOLD EQUIPMENT CO., LTD | | | | | |
| 生产单位 Manufacturer | | 上海开利运输冷气设备有限公司 SHANGHAI CARRIER TRANSCOLD EQUIPMENT CO., LTD | | | | | |
| 检验方法、程序 Inspection method and procedure | | 国际航空运输协会《危险品规则》65版 IATA Dangerous Goods Regulations (DGR) 65th Edition | | | | | |
| 样品外观 Sample appearance | | 多种颜色塑胶外壳 Multicolor Plastics cement shell | | | | | |
| 包装件信息 Package information | | 锂电池总净重≤5kg. Lithium batteries total net weight≤5kg. | | | | | |
| 序号 NO. | 电池种类 Battery type | 型号 Model | 容量Capacity / 锂含量Li content | 放置方式 Placement | 单颗重量kg Unit weight | 数量 Quantity | |
| 1 | 不可充电锂金属电池芯 Primary Li-metal cell | CR2032 | 220mAh / ≤0.3g | 安装在设备内 Contained in equipment | 0.0028 | 1 | |
| 鉴定 结论 IDENTIFICATION CONCLUSION | 1. 危险性识别 (Hazards identification) 锂金属电池。 Lithium metal battery. | | | | | | |
| | 2. 空运按照国际航空运输协会《危险品规则》办理的类项 (Suggestion according to IATA DGR) 该物品满足包装说明970基本要求和第II部分的规定。 The article meets the requirements in General Requirements and section II of Packaging Instruction 970. | | | | | | |
| | 3. 包装要求 (Packaging requirements) 按包装说明970第II部分要求办理。 The article is packaged according to the Packaging Instruction 970 section II. | | | | | | |
| | 检验日期: 2023-12-03 签发日期: 2023-12-03 生效日期: 2024-01-01 Inspection Date: Issue Date: Effective Date: | | | | | | |
| 备注 Comment | | | | | | | |

批准
Approver: 王宗审核
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| 序号 No. | 检验结果及其他事项 Inspection results and other things |
|-----------|--|
| 1 | <p>本鉴定书所述锂电池按照《危险品规则》(65版) 3.9.2.6.1(e)规定的质量管理体系进行制造。</p> <p>本鉴定书所述锂电池不属于因安全原因召回的锂电池。</p> <p>Lithium cells and batteries listed in this report were manufactured under the quality management program described in IATA DGR 65th 3.9.2.6.1(e).</p> <p>Lithium cells and batteries listed in this report are not the defective cells or batteries returned to the manufacturer for safety reasons.</p> |
| 2 | <p>本鉴定书所述锂电池已通过联合国《试验和标准手册》第III部分38.3小节相应测试要求。</p> <p>Lithium cells and batteries listed in this report are of the types proved to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3.</p> <p>UN38.3试验概要编号 The UN38.3 Test Summary No. (s) 812100500020299</p> <p>详细信息请扫描右侧二维码。</p> <p>Please scan the QR code on the right for more information.</p>  |
| 3 | <p>设备装入由适当材料构造的坚固的刚性外包装内。</p> <p>The equipment is packed in strong rigid outer packagings constructed of suitable material.</p> |
| 4 | <p>电池具有适当的防短路措施。</p> <p>这种设备不会产生危险的放热, 在开启状态下符合相关的电磁辐射标准, 运行时不会对航空器系统产生干扰, 不会发出干扰信号(如蜂鸣警报, 闪光灯)。</p> <p>当同一外包装中含多台设备时, 应对设备进行包装并防止与其他设备接触。</p> <p>Cells and batteries are properly protected to prevent short circuits.</p> <p>These devices are not capable of generating a dangerous evolution of heat. When active, these devices must meet defined standards for electromagnetic radiation to ensure that the operation of the device does not interfere with aircraft systems. The devices must not be capable of emitting disturbing signals (such as buzzing alarms, strobe lights).</p> <p>Where multiple pieces of equipment are packed in the same outer packaging, the equipment must be packed to prevent contact with other equipment.</p> |
| 5 | <p>—当使用航空货运单时, 如果托运货物中有贴锂电池标记的包装件, 那么必须在“货物性质和数量”栏注明“锂金属电池符合包装说明970第II部分”。</p> <p>—如果在一份航空货运单内包含来自多个包装说明第II部分的锂电池包装件时, 对于不同的锂电池类型和/或包装说明可以合并为一份声明, 前提是声明中注明适用的锂电池类型和包装说明编号。</p> <p>—Where a consignment includes packages bearing the lithium battery mark, the words “lithium metal batteries in compliance with Section II of PI 970” must be included on the air waybill, when an air waybill is used. The information should be shown in the “Nature and Quantity of Goods” box of the air waybill.</p> <p>—Where packages of Section II lithium batteries from multiple packing instructions are included on one air waybill, the compliance statement for the different lithium battery types and/or packing instructions may be combined into a single statement provided that the statement identifies the applicable lithium battery type(s) and packing instruction numbers.</p> |
| 6 | <p>每个包装件必须按DGR图7.1.C所示做耐久清晰的标记。包装件必须具有足够的尺寸在其一个面上粘贴未被折叠的标记。注: 63版DGR图7.1.C所示锂电池标记可继续使用至2026年12月31日。</p> <p>本要求不适用于:</p> <p>—包装件仅含有安装在设备(包括线路板)内的钮扣电池; 或</p> <p>—托运货物不超过2个包装件, 且每个包装件中安装在设备内的电池芯不超过4颗或电池组不超过2颗。</p> <p>Each package must be durably and legibly marked with the mark shown in Figure 7.1.C in IATA DGR. The package must be of such a size that there is adequate space to affix the mark on one side of the package without the mark being folded. Note: The mark illustrated in Figure 7.1.C of the 63rd edition of DGR may continue to be used until 31 December 2026.</p> <p>This requirement does not apply to:</p> <p>—packages containing only button cell batteries installed in equipment (including circuit boards); or</p> <p>—consignments of two packages or less where each package contains no more than four cells or two batteries installed in equipment.</p> |
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