



新利達電池有限公司 NEW LEADER BATTERY LIMITED.

Safety Data Sheet for Alkaline Battery LR03,LR06

Document Number: SDS- Alkaline Battery LR03, LR06 Not for Recharge (Version : 2017)

SECTION I – Identification 生產商資料

Manufacturer's Name 生產商 : New Leader Battery Limited 新利達電池有限公司

Emergency & Information Phone No 緊急和查詢電話 : 852 - 2790 6280

Address : Rm A, 4/F, Block 1, Camelpaint Building, 62 Hoi Yuen Road, Kwun Tong, Kowloon, Hong Kong.

Signature of Prepare (Optional)

SECTION II – Hazardous Ingredients

IMPORTANT NOTE :

Use under normal conditions, the Zinc Manganese alkaline battery is hermetically sealed.

鋅錳鹼性電池在正常使用下是密封的

Ingestion: Swallowing a battery can be harmful. Contents of an open battery can cause serious chemical burns of mouth, esophagus, and gastrointestinal tract. IMMEDIATELY SEE DOCTOR; Do not induce vomiting or give food or drink.

誤服：吞服電池是有害的，誤服了的電池會導致化學性燒傷，使食道嚴重灼傷，萬一誤服應立即盡快找就近的醫生診斷，不要給誤服者飲食或企圖把誤服之電池吐出

Inhalation: Contents of an open battery can cause respiratory irritation.

吸入：吸入了開封的電池會刺激呼吸道

Skin Contact: Contents of an open battery can cause skin irritation.

皮膚接觸：接觸了開封的電池會導致皮膚過敏

Eye Contact: Contents of an open battery can cause severe irritation.

眼睛接觸：如眼睛不慎接觸了已開封的電池會導致眼睛刺痛

SECTION III – Composition 成份表

| Substance Name 名稱 | Chemical Identification CAS# 代號 | % Weight |
|--------------------------|---------------------------------|----------|
| Zinc 鋅 | 7440 - 66 - 6 | 8% |
| Graphite 石墨 | 7782 - 42 - 5 | 3% |
| Manganese Dioxide 二氧化錳 | 1313 - 13 - 9 | 30% |
| Potassium Hydroxide 氫氧化鉀 | 1310 - 58 - 3 | 10% |
| Iron 鐵 | 7439 - 89 - 6 | 37% |
| Water 純水 | 7789 - 20 - 0 | 12% |
| Others 其他 | N/A | 0% |

Prepared January 2017



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SECTION IV – First Aid Measures 急救處理措施

Ingestion: Do not induce vomiting or give food or drink. Seek medical attention immediately. Call National Battery Ingestion Hotline for advice.

誤服：不要給誤服者飲食或企圖把誤服之電池吐出，應立即盡快找就近的醫生診斷，聯絡國際電池熱線尋求意見

Inhalation: Provide fresh air and seek medical attention.

吸入：提供新鮮的空氣和盡快找就近的醫生診斷

Skin Contact: Remove contaminated clothing and wash skin with soap and water. If a chemical burn occurs or if irritation persists, seek medical attention

皮膚接觸：把受污染的衣物移走和應立即用肥皂水清洗患處

Eye Contact: Immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower lids, until no evidence of the chemical remains. Seek medical attention.

眼睛接觸：盡快用清水沖洗 15 分鐘，眨動上下眼皮，直至沒有化學物殘留在眼睛，盡快找就近的醫生診斷

SECTION V – Fire-Fighting Measures

In case of fire, it is permissible to use any class of extinguishing medium on these batteries or their packing material. Cool exterior of batteries if exposed to fire to prevent rupture.

Fire fighters should wear self-contained breathing apparatus.

如遇上電池所引發之火警，可用任何認可之滅火器救火和他們的包裝材料，請勿把破裂的電池投入火堆中，滅火時應穿上自動提供氧氣的滅火衣

SECTION VI – Accidental Release Measures 處理意外釋放或溢出之電池

Ventilation Requirements: Room ventilation may be required in areas where there are open or leaking batteries
通風設備：如發生漏液或破損，應把電池移往室內通風地方

Eye Protection: Wear safety glasses with side shields if handling an open or leaking battery

眼部護理：應把已打開或漏液之電池，放入已盛載了水的水杯內

Gloves: Use neoprene or natural rubber gloves if handling an open or leaking battery.

Battery materials should be collected in a leak-proof container

手套：已打開或漏液之電池在處理時，應帶上橡膠手套和放入防漏之容器內

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SECTION VII – Handling and Storage

Storage : Store in a cool, well ventilated area. Elevated temperatures can result in shortened battery life.

存放：電池應存放在通風及清涼的地方,高溫存放會縮短電池之壽命

Mechanical Containment: If potting or sealing the battery in an airtight or watertight container is required, consult your New Leader Battery Limited representative for precautionary suggestions. Batteries normally evolve hydrogen which, when combined with oxygen from the air can produce a combustible or explosive mixture unless vented. If such a mixture is present, short circuits, high temperature, or static sparks can cause an ignition.

Do not obstruct safety release vents on batteries, Encapsulation (potting) of batteries will not allow cell venting and can cause high pressure rupture.

機械密封：電池必須在一個防水氣和空氣之情況下做焊接或密封之加工,諮詢新利達電池有限公司查詢有關之安全建議.電池在正常使用下會產生氫氣,當開蓋後和空氣結合後會產生易燃或易爆的氣體,放在通風通道例外.短路,高溫,靜電火花也容易產生火點

不要忽略已開封電池之安全.已封裝之電池是不容許打開外殼和有機會引起高壓擊破.

SECTION VIII – Exposure Controls / Person Protection 接觸控制/個人保護

Ventilation Requirements 通風系統之要求 : N.A.

Respiratory Protection 呼吸道保護: N.A..

Eyes Protection 眼睛保護 : N.A.

Gloves 手套 : N.A.

SECTION IX – Physical / Chemical Properties 物理/化學特性

Boiling Point 沸點 : N.A.

Specific Gravity 比重 (H₂O = 1) : N.A.

Melting Point 熔點 : N.A.

Vapor Pressure 蒸氣壓 (mm Hg) : N.A.

Vapor Density 蒸氣密度 (AIR = 1) : N.A.

Evaporation Rate (Butyl Acetate) : N.A.

Solubility in Water 溶解度 : N.A.

Appearance and Odor 形狀和氣味 , Cylindrical Shape, Odorless 圓柱型 : 無氣味

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SECTION X – Stability and Reactivity 反應性數據

Stability 穩定性: stable 穩定

Conditions to Avoid 避免條件 : Stable 穩定

Hazardous Decomposition or Byproducts : 副產品或分解物是危險的

The Alkaline Button Battery do not meet any of the criteria established in 40 CFR 261.2 of reactivity
鹼性電池的反應性達不到 40CFR 261.2 的標準

SECTION XI – Toxicological Information : N.A.

SECTION XII – Ecological Information 生態資料 : N.A.

SECTION XIII –Disposal Consideration : Dispose of the batteries according to government regulations.

SECTION XIV – Transport Information

The Batteries in all forms of transportation (e.g. Truck, air, or sea) must be packaged in a safe and responsible manner. Regulatory concerns from all agencies for safe packaging require that batteries be packaged in a manner that prevents short circuits and be contained in (Strong Carton / Packaging) that prevents spillage of contents.

所有電池之運送方式(e.g. 航運, 空運和陸運)必須要已負責任之態度和安全包裝來運送. 所有代理在監管安全包裝的問題上, 電池必須要裝放在(加厚紙箱/包裝)防止短路和防電池溢出之包裝容器內.

Alkaline battery (sometime referred to as “**Dry Cell**” are not listed as dangerous goods under the **ADR** European Agreement Concerning the International Carriage of Dangerous Goods by Road, The IMDG International Maritime Dangerous Goods Code, UN Dangerous Good Regulations, IATA Dangerous Goods Regulation, ICAO Technical Instructions and the U.S. hazardous materials regulations (49 CFR). These batteries are not subject to the dangerous goods regulations provided they meet the requirement contained in the following special provisions.
鹼性電池(有需要時可參考“干電池”, 因干電池類在 **ADR** European Agreement Concerning the International Carriage of Dangerous Goods by Road, The IMDG International Maritime Dangerous Goods Code, UN Dangerous Good Regulations, IATA Dangerous Goods Regulation, ICAO Technical Instructions and the U.S. hazardous materials regulations (49 CFR)的危險品類別中.

此電池在下列的航運條例中也不屬於危險品:

| Regulatory Parties | Special Provisions |
|--------------------|------------------------------|
| ADR | Not Regulated |
| IMDG | Not Regulated |
| UN, ICAO | Not Regulated |
| US DOT | 49 CFR 172.102 Provision 130 |
| IATA, | A123, |

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Ref: Summary of Packing Instruction (IATA Dangerous Goods Regulations 58th Edition) the minimum requirements necessary to transport as non-restricted goods are as follows

總括在包裝指引(IATA 危險品條例 58 版), 在非違禁品運輸中最基本之要求如下:

****All Alkaline Batteries are packed in such a way to prevent short circuits or the generation dangerous quantities of heat and meet the special provisions listed above. In addition, The IATA Dangerous Goods Regulations ICAO Technical Instructions require the words “ Not Restricted” and the Special Provision No: A123 be provided on the air waybill, when an air waybill is issued.**

所有鹼性電池必需包裝在防止短路或在防止產生過熱之數量內和達到有關特別指引之要求下。另外,有關國際危險品的規例中的 ICAO 技術指示 “Not Restricted”字眼, 在 A123 的特別條例中必須展示在空運提單中

SECTION XV – Regulatory Information:

Batteries are not classified as dangerous goods by US Department of Transportation or the major international regulatory bodies and are therefore not regulated.

SARA/TITLE III – As an article, this battery and its contents are not subject to the requirements of the Emergency Planning and Community Right to Know Act.

在美國運輸局和主要國際之條例中, 鋅錳鹼性電池是不介定在危險品的種類內。

SARA/TITLE III – 文章中, 此類電池沒有在有關急介定之項目中。

SECTION XVI – Other Information : None

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NEW LEADER BATTERY LTD.

FLAT A, 4/F, BLOCK 1, CAMELPAINT BUILDING, 62 HOI YUEN ROAD, KWUN TONG, KOWLOON,
HONG KONG

The following samples were submitted and identified on behalf of the client as:

1.5 V CYLINDRICAL ALKALINE ZINC MANGANESE BATTERY

| | | |
|-----------------------|---|-----------------------|
| SGS Case No. | : | CA316202349459 |
| Style / Item No. | : | LR6 / AM 3 |
| | | LR03 / AM 4 |
| Manufacturer | : | NEW LEADER |
| Country of Origin | : | CHINA |
| Sample Receiving Date | : | JUL 27, 2016 |
| Test Performing Date | : | JUL 27 – AUG 09, 2016 |

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

| Test Requested | Conclusion |
|---|------------|
| 1. European Directive 2006/66/EC and its amendments (Directive 2013/56/EU) – Lead, Cadmium and Mercury Content (Selected part as specified by client) | PASS |
| 2. US Public Law No 104-142 (1996) Title II –Mercury-Containing Battery Management Act – Mercury Content (Selected part as specified by client) | PASS |
| 3. European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC (As per client request) | PASS |

Signed for and on behalf of
SGS Hong Kong Ltd.



Che Wai Leuk, Jerry
Technical Manager

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SGS Hong Kong Limited

Laboratory: 1/F, 3/F, 4/F & 5/F On Wui Centro, 25 Lok Yip Road, Fanling, N.T., Hong Kong www.sqsgroup.com.hk
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Member of the SGS Group (SGS SA)





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Test Results :

1. European Directive 2006/66/EC and its amendments (Directive 2013/56/EU) – Lead, Cadmium and Mercury Content

Method : Acid digestion followed by Atomic Absorption Spectrometry analysis.

For portable batteries:

| Test Item | Result (%) | Reporting Limit (%) | Labelling Requirement (%) | Permissible Limit (%) |
|----------------|------------|---------------------|---------------------------|-----------------------|
| | 1 | | | |
| Lead (Pb) | ND | 0.001 | > 0.004 | -- |
| Cadmium (Cd) | ND | 0.001 | > 0.002 | 0.002 [#] |
| Mercury (Hg) | ND | 0.0001 | -- | 0.0005 |
| Comment | PASS | -- | -- | -- |

Sample Description :

1. LR03 / AM 4

Note : 1. % = percentage by weight

2. > = greater than

3. [#] = Not applicable to portable batteries and accumulators intended to use in emergency and alarm systems, medical equipments and cordless power tools.

4. ND = Not Detected

2. US Public Law No 104-142 (1996) Title II – Mercury-Containing Battery Management Act – Mercury Content

Method : Acid digestion followed by Atomic Absorption Spectrometry analysis.

For battery except alkaline manganese button cell :

| Test Item | Result (mg/kg) | Reporting Limit (mg/kg) | Requirement |
|----------------|----------------|-------------------------|-------------|
| | 1 | | |
| Mercury (Hg) | ND | 1 | Prohibited |
| Comment | PASS | -- | -- |

Sample Description :

1. LR03 / AM 4

Note : 1. mg/cell = milligram per cell

2. mg/kg = milligram per kilogram

3. ND = Not Detected

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Test Results (cont'd) :

3. European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC

Cadmium, Lead, Mercury, Hexavalent Chromium, Polybromobiphenyl (PBB) and Polybromodiphenyl ether (PBDE) content

Method : With reference to IEC 62321:2008, IEC 62321-4:2013, IEC62321-5:2013. Lead, Cadmium and Mercury were analyzed by Inductively Coupled Argon Plasma Spectrometry, Chromium (VI) was analyzed by UV-Visible Spectroscopy and PBB, PBDE were analyzed by Gas Chromatography – Mass Spectrometry (GC-MS).

| Test Item | Result (mg/kg) | | Reporting Limit (mg/kg) | Permissible Limit (mg/kg) |
|--|----------------|--|-------------------------|---------------------------|
| | 1 | | | |
| Cadmium (Cd) | ND | | 5 | 100 |
| Lead (Pb) | ND | | 5 | 1000 |
| Mercury (Hg) | ND | | 5 | 1000 |
| Hexavalent Chromium by spot test / boiling water extraction (Cr(VI)) | Negative | | Negative | Negative |
| Sum of PBBs | ND | | -- | 1000 |
| Monobromobiphenyl | ND | | 5 | -- |
| Dibromobiphenyl | ND | | 5 | -- |
| Tribromobiphenyl | ND | | 5 | -- |
| Tetrabromobiphenyl | ND | | 5 | -- |
| Pentabromobiphenyl | ND | | 5 | -- |
| Hexabromobiphenyl | ND | | 5 | -- |
| Heptabromobiphenyl | ND | | 5 | -- |
| Octabromobiphenyl | ND | | 5 | -- |
| Nonabromobiphenyl | ND | | 5 | -- |
| Decabromobiphenyl | ND | | 5 | -- |
| Sum of PBDEs | ND | | -- | 1000 |
| Monobromodiphenyl ether | ND | | 5 | -- |
| Dibromodiphenyl ether | ND | | 5 | -- |
| Tribromodiphenyl ether | ND | | 5 | -- |
| Tetrabromodiphenyl ether | ND | | 5 | -- |
| Pentabromodiphenyl ether | ND | | 5 | -- |
| Hexabromodiphenyl ether | ND | | 5 | -- |
| Heptabromodiphenyl ether | ND | | 5 | -- |
| Octabromodiphenyl ether | ND | | 5 | -- |
| Nonabromodiphenyl ether | ND | | 5 | -- |
| Decabromodiphenyl ether | ND | | 5 | -- |
| Comment | PASS | | -- | -- |

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Test Results (Cont'd) :

Sample Description:

1. LR03 / AM 4

Note : 1. mg/kg = milligram per kilogram
2. ND = Not Detected

Remark : 1.# = Negative means the absence of CrVI on the tested areas; Positive means the presence of CrVI on the tested areas. The detected CrVI concentration in the boiling-water-extraction solution is equal to or greater than 0.02 mg/kg with 50cm² sample surface area.
2. Results shown as ND are ignored in the sum calculation

Photo Appendix



Photos provided by client

*** End of Report ***

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NO.2017010861

货物运输条件鉴定书

Certification
for Safe Transport of Chemical Goods

非限制性货物

样品名称： LR03碱性电池AAA1.5V

Sample Name: LR03 ALKALINE BATTERY AAA 1.5V

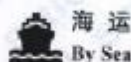
委托单位： 肇庆新利达电池实业有限公司

生产单位： 肇庆新利达电池实业有限公司



上海化工研究院检测中心
(上海天科化工检测有限公司)

Shanghai Research Institute of Chemical Industry Testing Centre
(Shanghai TECH. Chemical Industry Testing Co.,Ltd)



货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

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| | | |
|--|--|---------------------------------|
| 样品名称 Sample Name | 中文 Chinese | LR03碱性电池AAA1.5V |
| | 英文 English | LR03 ALKALINE BATTERY AAA 1.5V |
| 委托单位 Consignor | 肇庆新利达电池实业有限公司 | |
| 生产单位 Manufacturer | 肇庆新利达电池实业有限公司 | |
| 检验方法、程序 Inspection Methods and Procedures | 国际海事组织《国际海运危险货物规则》(2014版) IMO International Maritime Dangerous Goods Code (2014Edition) | |
| 样品外观与气味 Appearance & Odor | 橙色, 绿色双色圆柱型金属外壳, 无臭 Orange and green Cylinder metal shell, Odorless | |
| IDENTIFICATION 鉴定结论 | 1. 危险性识别 (Hazards identification) | |
| | 无。 None. | |
| | 2. 海运按照IMO IMDG Code办理类项 (Suggestion according to IMO IMDG Code) | |
| | 可按非限制性货物条件办理。 The substance is not subject to IMO IMDG Code. | |
| IDENTIFICATION 鉴定结论 | 3. 包装要求 (Packaging requirements) | |
| | 无。 None. | |
| | 检验日期: Inspection Date: 2016-11-24 | 签发日期: Issue Date: 2016-11-24 |
| | 生效日期: Valid Date: 2017-01-01 | |
| 备注 Comment | 无。 None. | |

批准
Approver: 张小明

审核
Checker: 董学胜

主检
Appraiser: 刘婉卿

上海化工研究院检测中心
Shanghai Research Institute of Chemical Industry Testing Centre



货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

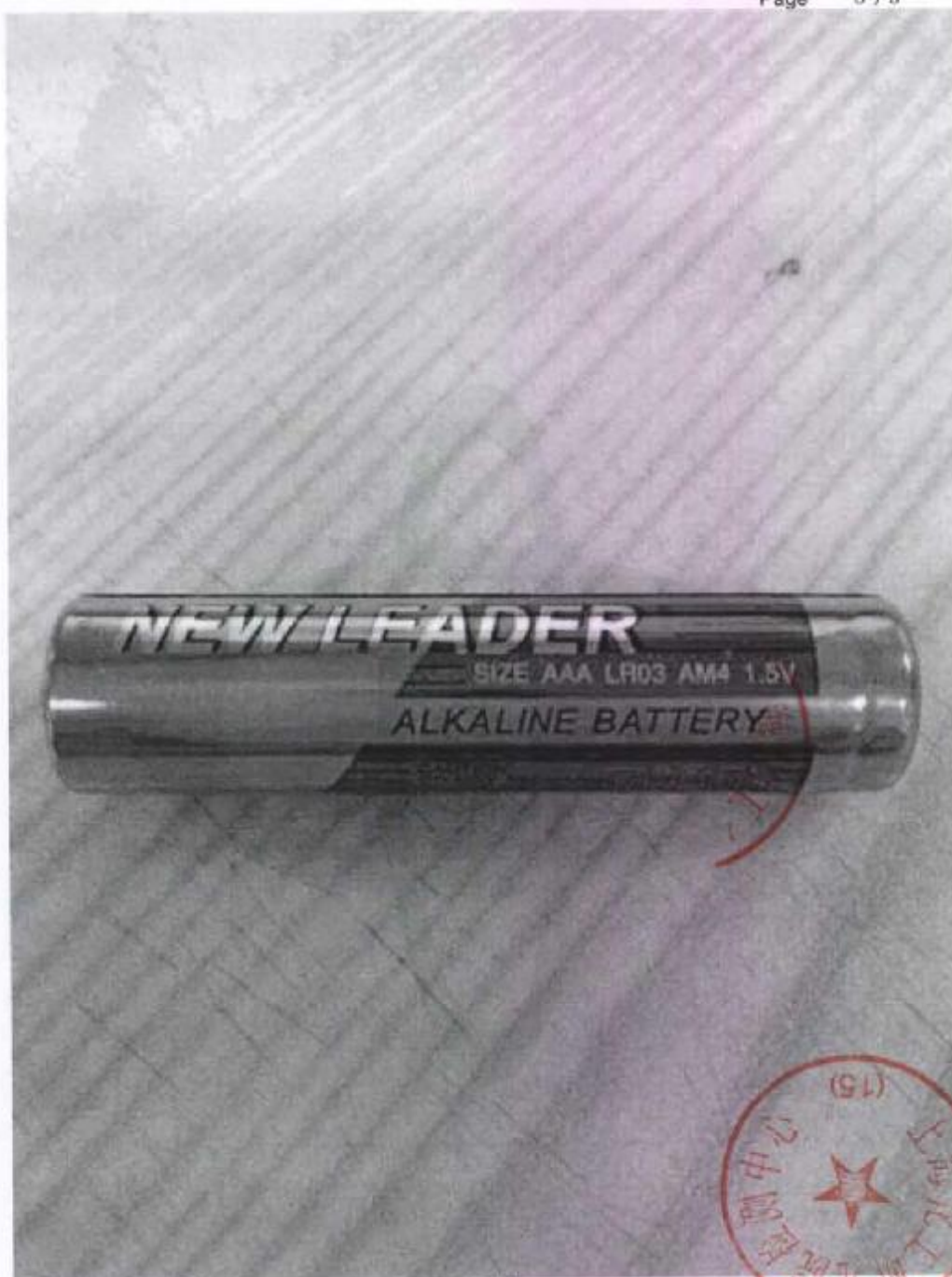
NO. 2017010861

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| 鉴定项目 Identification Items | 鉴定结果 Identification Conclusion Results |
|--|--|
| 爆炸危险性鉴定 Identification of Explosive Hazard | 该货物不属于爆炸品。 The product is not classified in Explosives. |
| 易燃危险性鉴定 Identification of Flammable Hazards | 该货物不属于易燃危险品。 The product is not classified in flammable substance. |
| 氧化危险性鉴定 Identification of Oxidative Hazards | 该货物不属于氧化剂和有机过氧化物。 The product is not classified in oxidizing substances and organic peroxides. |
| 毒害及传染危险性鉴定 Identification of Toxic & Infectious Hazards | 该货物不属于有毒和传染性物质。 The product is not classified in toxic and infectious substances. |
| 放射危险性鉴定 Identification of Radioactive Hazard | 该货物无放射危险性。 The product is not classified in radioactive material. |
| 腐蚀危险性鉴定 Identification of Corrosive Hazard | 该货物不属于腐蚀品。 The product is not classified in corrosives. |
| 其他危险性鉴定 Identification of other Hazards | 电池必须具有适当的防短路措施，设备必须装备有效的防意外启动措施。 Batteries must be properly protected to prevent short circuits, and equipments must be equipped with an effective means of preventing accidental activation. |

上海化工研究院检测中心

Shanghai Research Institute of Chemical Industry Testing Centre



报告结束



NO.2017010862



检 查
CNAS IB0071

货物运输条件鉴定书

Certification
for Safe Transport of Chemical Goods

非限制性货物

样品名称： LR03碱性电池AAA1.5V

Sample Name: LR03 ALKALINE BATTERY AAA 1.5V

委托单位： 肇庆新利达电池实业有限公司

生产单位： 肇庆新利达电池实业有限公司



上海化工研究院检测中心
(上海天科化工检测有限公司)

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货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

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| | | |
|--|---|--------------------------------|
| 样品名称 Sample Name | 中文 Chinese | LR03碱性电池AAA1.5V |
| | 英文 English | LR03 ALKALINE BATTERY AAA 1.5V |
| 委托单位 Consignor | 肇庆新利达电池实业有限公司 | |
| 生产单位 Manufacturer | 肇庆新利达电池实业有限公司 | |
| 检验方法、程序 Inspection Methods and Procedures | 国际航空运输协会《危险品规则》58版 IATA Dangerous Goods Regulations (DGR) 58th Edition | |
| 样品外观与气味 Appearance & Odor | 橙色, 绿色双色圆柱型金属外壳, 无臭 Orange and green Cylinder metal shell, Odorless | |
| IDENTIFICATION 鉴定结论 | 1. 危险性识别 (Hazards identification) 无。 None. | |
| | 2. 空运按照IATA DGR办理的类型 (Suggestion according to IATA DGR) 根据特殊规定A123, 可按非限制性货物条件办理。 The substance is not subject to IATA DGR according to special provision A123. | |
| CONCLUSION 结论 | 3. 包装要求 (Packaging requirements) 无。 None. | |
| | <div style="display: flex; justify-content: space-between;"> <div> 检验日期: 2016-11-24 Inspection Date: 2016-11-24 </div> <div> 签发日期: 2016-11-24 Issue Date: 2016-11-24 </div> <div> 生效日期: 2017-01-01 Valid Date: 2017-01-01 </div> </div> | |
| 备注 Comment | 无。 None. | |

批准
Approver: 张小明

审核
Checker: 董学能

主检
Appraiser: 刘晓明

上海化工研究院检测中心
Shanghai Research Institute of Chemical Industry Testing Centre



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Certification for Safe Transport of Chemical Goods

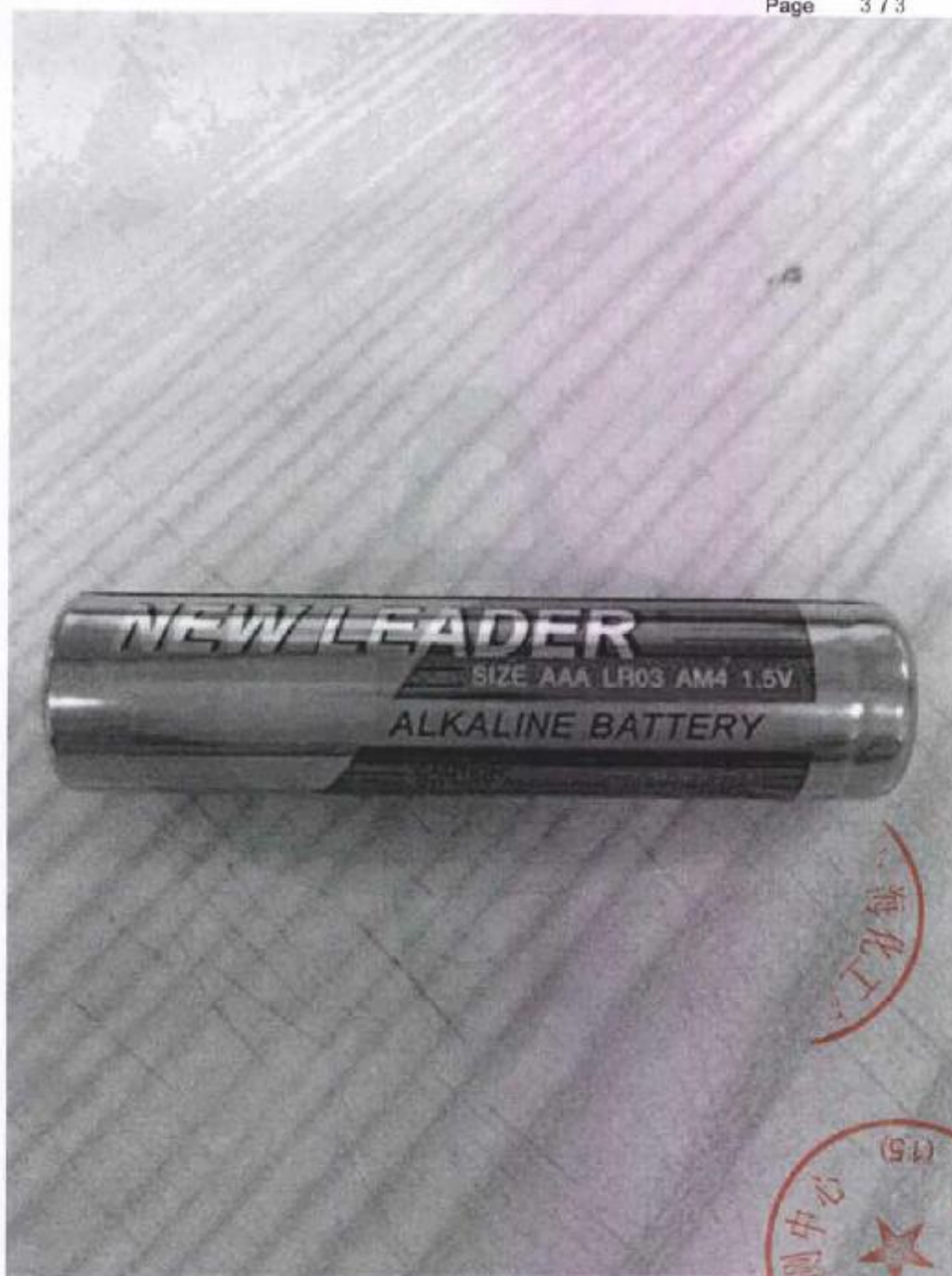
NO. 2017010862

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| 鉴定项目 Identification Items | 鉴定结果 Identification Conclusion Results |
|--|---|
| 爆炸危险性鉴定 Identification of Explosive Hazard | 该货物不属于爆炸品。 The product is not classified in Explosives. |
| 易燃危险性鉴定 Identification of Flammable Hazards | 该货物不属于易燃危险品。 The product is not classified in flammable substance. |
| 氧化危险性鉴定 Identification of Oxidative Hazards | 该货物不属于氧化剂和有机过氧化物。 The product is not classified in oxidizing substances and organic peroxides. |
| 毒害及传染危险性鉴定 Identification of Toxic & Infectious Hazards | 该货物不属于有毒和传染性物质。 The product is not classified in toxic and infectious substances. |
| 放射危险性鉴定 Identification of Radioactive Hazard | 该货物无放射危险性。 The product is not classified in radioactive material. |
| 腐蚀危险性鉴定 Identification of Corrosive Hazard | 该货物不属于腐蚀品。 The product is not classified in corrosives. |
| 其他危险性鉴定 Identification of other Hazards | 电池必须具有适当的防短路措施, 设备必须装备有效的防意外启动措施。 Batteries must be properly protected to prevent short circuits, and equipments must be equipped with an effective means of preventing accidental activation. |

上海化工研究院检测中心

Shanghai Research Institute of Chemical Industry Testing Centre



报告结束



检 查
CNAS IB0071



NO.2017010860

货物运输条件鉴定书

Certification
for Safe Transport of Chemical Goods

非限制性货物

样品名称： LR06 碱性电池 AA 1.5V

Sample Name: LR06 ALKALINE BATTERY AA 1.5V

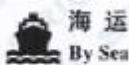
委托单位： 肇庆新利达电池实业有限公司

生产单位： 肇庆新利达电池实业有限公司



上海化工研究院检测中心
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货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

NO. 2017010860

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| | | |
|--|--|-------------------------------|
| 样品名称 Sample Name | 中文 Chinese | LR06 碱性电池 AA 1.5V |
| | 英文 English | LR06 ALKALINE BATTERY AA 1.5V |
| 委托单位 Consignor | 肇庆新利达电池实业有限公司 | |
| 生产单位 Manufacturer | 肇庆新利达电池实业有限公司 | |
| 检验方法、程序 Inspection Methods and Procedures | 国际海事组织《国际海运危险货物规则》(2014版) IMO International Maritime Dangerous Goods Code (2014Edition) | |
| 样品外观与气味 Appearance & Odor | 橙色, 绿色双色圆柱型金属外壳, 无臭 Orange and green Cylinder metal shell, Odorless | |
| IDENTIFICATION 鉴定结论 | 1. 危险性识别(Hazards identification) | |
| | 无。 None. | |
| | 2. 海运按照IMO IMDG Code办理类项(Suggestion according to IMO IMDG Code) | |
| | 可按非限制性货物条件办理。 The substance is not subject to IMO IMDG Code. | |
| IDENTIFICATION 鉴定结论 | 3. 包装要求(Packaging requirements) | |
| | 无。 None. | |
| | 检验日期: Inspection Date: | 签发日期: Issue Date: |
| | 2016-11-24 | 2016-11-24 |
| 备注 Comment | 无。 None. | |
| | | |
| | | |
| | | |

批准
Approver: 张一明

审核
Checker: 董学胜

主检
Appraiser: 刘峰卿

上海化工研究院检测中心
Shanghai Research Institute of Chemical Industry Testing Centre



货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

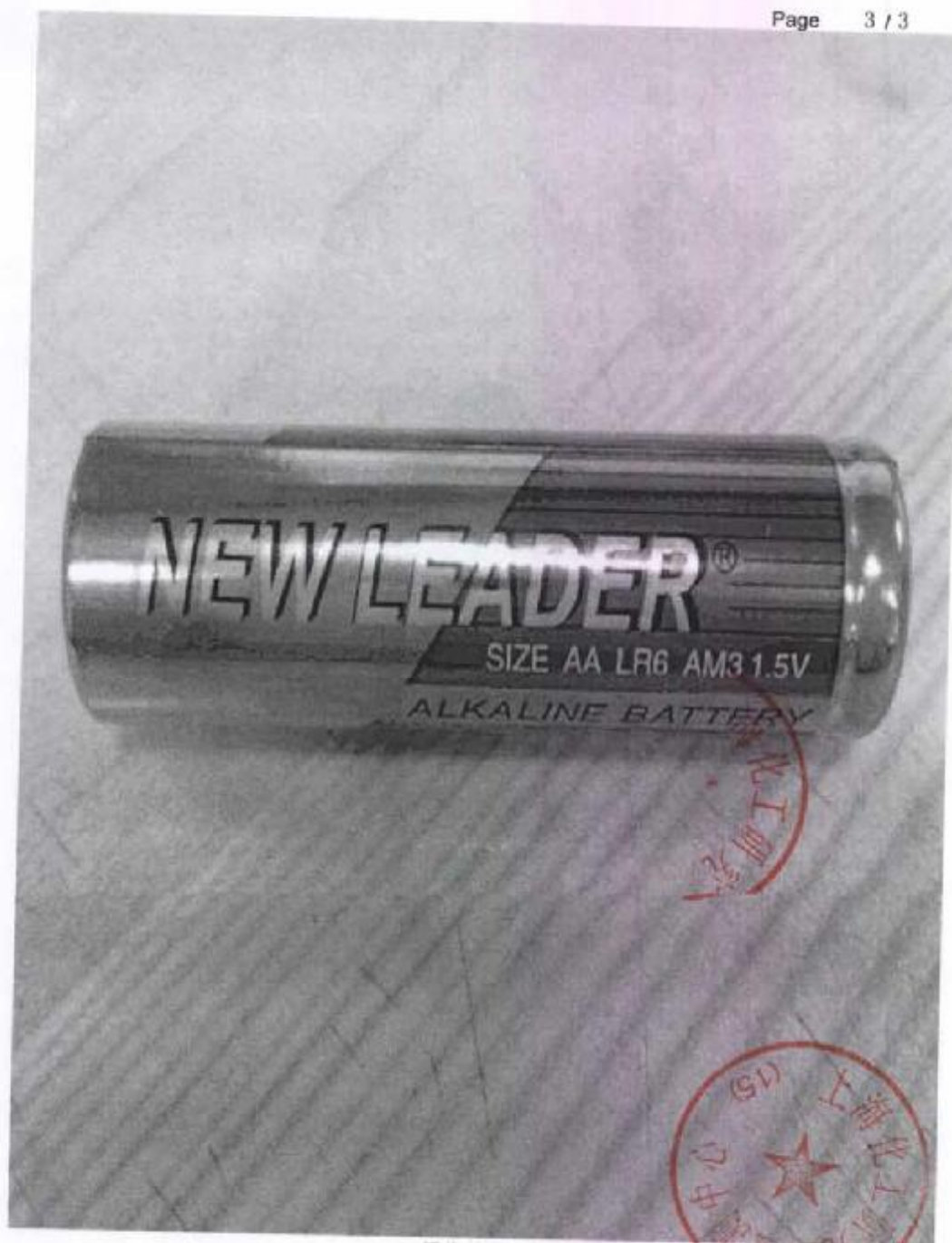
NO. 2017010860

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| 鉴定项目 Identification Items | 鉴定结果 Identification Conclusion Results |
|--|--|
| 爆炸危险性鉴定 Identification of Explosive Hazard | 该货物不属于爆炸品。 The product is not classified in Explosives. |
| 易燃危险性鉴定 Identification of Flammable Hazards | 该货物不属于易燃危险品。 The product is not classified in flammable substance. |
| 氧化危险性鉴定 Identification of Oxidative Hazards | 该货物不属于氧化剂和有机过氧化物。 The product is not classified in oxidizing substances and organic peroxides. |
| 毒害及传染危险性鉴定 Identification of Toxic & Infectious Hazards | 该货物不属于有毒和传染性物质。 The product is not classified in toxic and infectious substances. |
| 放射危险性鉴定 Identification of Radioactive Hazard | 该货物无放射危险性。 The product is not classified in radioactive material. |
| 腐蚀危险性鉴定 Identification of Corrosive Hazard | 该货物不属于腐蚀品。 The product is not classified in corrosives. |
| 其他危险性鉴定 Identification of other Hazards | 电池必须具有适当的防短路措施，设备必须装备有效的防意外启动措施。 Batteries must be properly protected to prevent short circuits, and equipments must be equipped with an effective means of preventing accidental activation. |

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Shanghai Research Institute of Chemical Industry Testing Centre



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检 查
CNAS IB0071



NO.2017010859

货物运输条件鉴定书

Certification
for Safe Transport of Chemical Goods

非限制性货物

样品名称： LR06 碱性电池 AA 1.5V

Sample Name: LR06 ALKALINE BATTERY AA 1.5V

委托单位： 肇庆新利达电池实业有限公司

生产单位： 肇庆新利达电池实业有限公司



上海化工研究院检测中心
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货物运输条件鉴定书

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| | | |
|--|---|-------------------------------|
| 样品名称 Sample Name | 中文 Chinese | LR06 碱性电池 AA 1.5V |
| | 英文 English | LR06 ALKALINE BATTERY AA 1.5V |
| 委托单位 Consignor | 肇庆新利达电池实业有限公司 | |
| 生产单位 Manufacturer | 肇庆新利达电池实业有限公司 | |
| 检验方法、程序 Inspection Methods and Procedures | 国际航空运输协会《危险品规则》58版 IATA Dangerous Goods Regulations (DGR) 58th Edition | |
| 样品外观与气味 Appearance & Odor | 橙色, 绿色双色圆柱型金属外壳, 无臭 Orange and green Cylinder metal shell, Odorless | |
| IDENTIFICATION 鉴定结论 | 1. 危险性识别 (Hazards identification) | |
| | 无。 None. | |
| | 2. 空运按照 IATA DGR 办理的类项 (Suggestion according to IATA DGR) | |
| | 根据特殊规定 A123, 可按非限制性货物条件办理。 The substance is not subject to IATA DGR according to special provision A123. | |
| IDENTIFICATION 鉴定结论 | 3. 包装要求 (Packaging requirements) | |
| | 无。 None. | |
| | 检验日期: Inspection Date: | 签发日期: Issue Date: |
| | 2016-11-24 | 2016-11-24 |
| 备注 Comment | 无。 None. | |



批准
Approver: 张小明

审核
Checker: 董学军

主检
Appraiser: 刘晓明

上海化工研究院检测中心
Shanghai Research Institute of Chemical Industry Testing Centre



货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

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| 鉴定项目 Identification Items | 鉴定结果 Identification Conclusion Results |
|--|---|
| 爆炸危险性鉴定 Identification of Explosive Hazard | 该货物不属于爆炸品。 The product is not classified in Explosives. |
| 易燃危险性鉴定 Identification of Flammable Hazards | 该货物不属于易燃危险品。 The product is not classified in flammable substance. |
| 氧化危险性鉴定 Identification of Oxidative Hazards | 该货物不属于氧化剂和有机过氧化物。 The product is not classified in oxidizing substances and organic peroxides. |
| 毒害及传染危险性鉴定 Identification of Toxic & Infectious Hazards | 该货物不属于有毒和传染性物质。 The product is not classified in toxic and infectious substances. |
| 放射危险性鉴定 Identification of Radioactive Hazard | 该货物无放射危险性。 The product is not classified in radioactive material. |
| 腐蚀危险性鉴定 Identification of Corrosive Hazard | 该货物不属于腐蚀品。 The product is not classified in corrosives. |
| 其他危险性鉴定 Identification of other Hazards | 电池必须具有适当的防短路措施, 设备必须装备有效的防意外启动措施。 Batteries must be properly protected to prevent short circuits, and equipments must be equipped with an effective means of preventing accidental activation. |

上海化工研究院检测中心

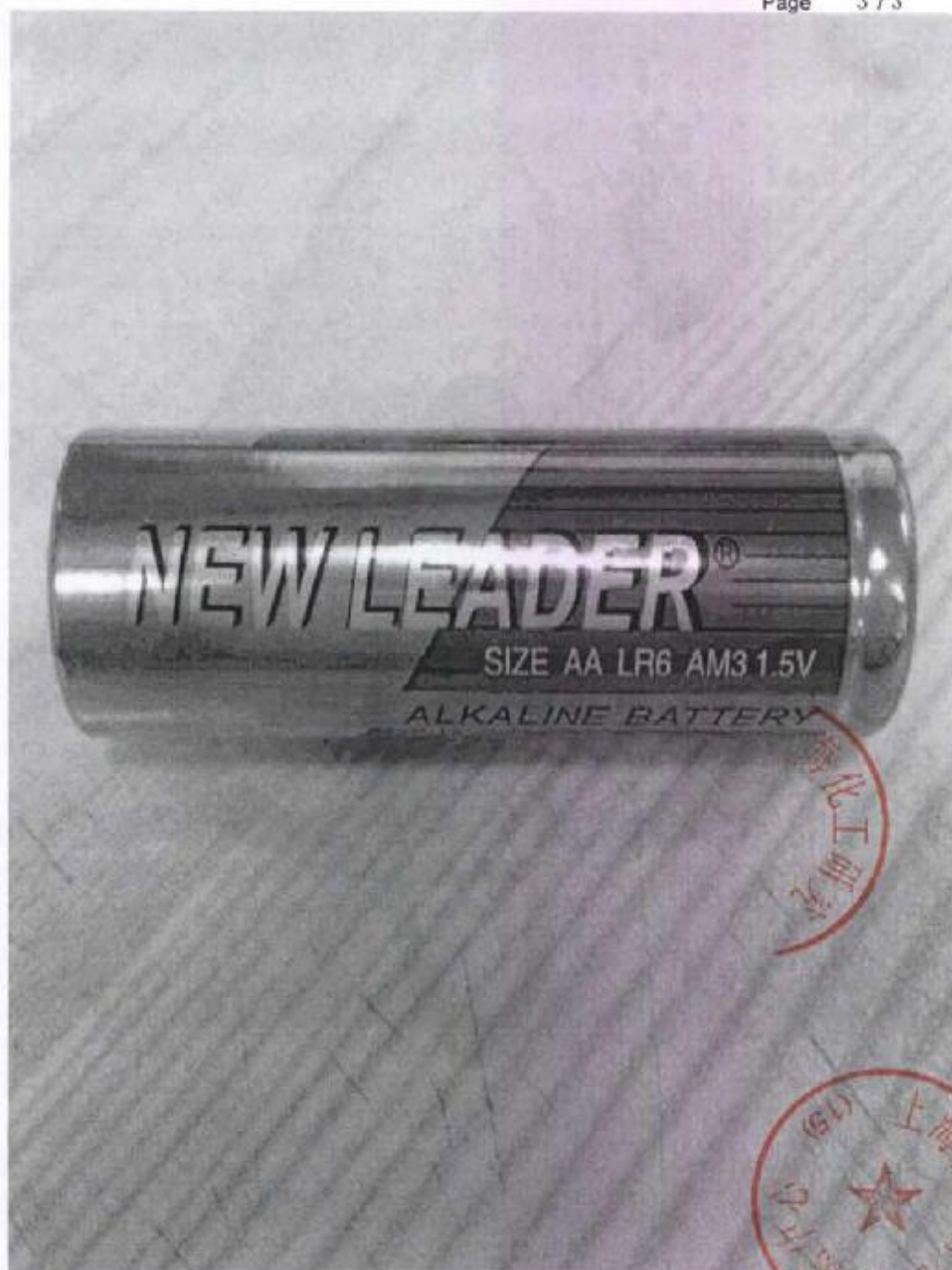
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货物运输条件鉴定书

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报告结束

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