



MATERIAL SAFETY DATA SHEET

Product Name:	Lithium-ion Polymer Battery
Type/Model:	826080TP
Nominal Voltage:	11.1V
Typical Capacity:	3200mAh 35.52Wh
Company:	CLAS Equipements
Address:	ZA de la Crouza 73800 Chignin, France
Inspection according to	EEC Directive 93/112/EC UN “Recommendations on the TRANSPORT OF DANGEROUS GOODS”
Report No.	MSDS-L201701-001

Compiler: Sun Yehua

Reviewer: Yang Tingming

Approver: luo Xinyao

Revision Date: February 10 2017

Material Safety Data Sheet

Reference to ST/SG/AC.10/30/Rev.6 (GHS)

Section 1 - Chemical Product and Company Identification

Chemical product identification

Manufacturer: CLAS Equipements

Address: ZA de la Crouza, 73800 Chignin, France

Tel: 0479726222

Fax: 0479725286

E-mail: contact@clas.com

Section 2 - Hazards Identification

Emergency overview: This product is an article which contains a chemical substance.

Safety information is given for exposure to the article as sold. Intended use of the product should not result in exposure to the chemical substance. This is a battery.

In case of rupture: the below hazards exist.

CAS# 7429-90-5

Classification according to GHS

Specific target organ toxicity, repeated exposure (1) (Lung)

Hazardous to the aquatic environment, long-term hazard (4)

Label elements



Hazard pictogram(s):

Signal word:

Danger

Hazard statement(s):

H372 Causes damage to organs through prolonged or repeated exposure (Lung)

H413 May cause long lasting harmful effects to aquatic life



Precautionary statement(s):

Prevention:

P260 Do not breathe dust.

P264 Wash skin and clothing thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

Response:

P314 Get medical advice if you feel unwell.

Storage

None.

Disposal:

P501 Contents handling to approved waste treatment plants.

CAS# 7440-50-8

Classification according to GHS

Specific target organ toxicity, single exposure; Respiratory tract irritation (3)

Specific target organ toxicity, repeated exposure (1) (liver)

Hazardous to the aquatic environment, long-term hazard (3)

Label elements



Hazard pictogram(s):

Signal word:

Danger

Hazard statement(s):

H335 May cause respiratory irritation

H372 Causes damage to organs through prolonged or repeated exposure (liver)

H412 Harmful to aquatic life with long lasting effects

Precautionary statement(s):

Prevention:

P271 Use only outdoors or in a well-ventilated area.

P260 Do not breathe dust.

P264 Wash skin and clothing thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

Response:

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER or doctor, if you feel unwell.

Storage



P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501 Contents or container handling to approved waste treatment plants.

Other hazards

Physical and chemical hazards: See Section 10

Human health hazards: See Section 11

Environmental hazards: See Section 12

Section 3 - Composition, Information on Ingredients

Chemical characterization: Mixture

Chemical Composition	CAS No.	EC#	Weight (%)
Lithium Cobalt Oxide	12190-79-3	235-362-0	28~35
Graphite	7782-42-5	231-955-3	14~20
Copper foil	7440-50-8	231-159-6	8~15
Polyvinylidene fluoride resin	24937-79-9	200-867-7	<3
Lithium Hexafluorophosphate	21324-40-3	---	<10
Aluminum	7429-90-5	231-072-3	<3

Section 4 - First Aid Measures

Description of first aid measures

General information No special measures required.

After eye contact

Flush eyes with plenty of water for several minutes while holding eyelids open. Get medical attention if irritation persists.

After skin contact

Remove contaminated clothing and shoes. Immediately wash with water and soap and rinse thoroughly. Wash clothing and shoes before reuse. If irritation occurs, et medical attention.

After inhalation

Remove victim to fresh area. Administer artificial respiration if breathing is difficult. Seek medical attention.

After swallowing

Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.

Most important symptoms/effects, acute and delayed: No data available.



Indication of immediate medical attention and special treatment needed: No data available.

Section 5 - Fire Fighting Measures

Suitable extinguishing media:

Use extinguishing agent suitable for local conditions and the surrounding environment .Such as dry powder , CO₂.

Unsuitable extinguishing media:

No data available.

Special hazards arising from the chemical:

Special hazards arising from the substance or mixture

Battery may burst and release hazardous decomposition products when exposed to a fire situation. Lithium ion batteries contain flammable electrolyte that may vent, ignite and produce sparks when subjected to high temperature(>150°C (302°F)), when damaged or abused (e.g. mechanical damage or electrical overcharging); may burn rapidly with flare-burning effect; may ignite other batteries in clothes proximity.

Specific protective actions for fire-fighters:

Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

Section 6 - Accidental Release Measures

Personal precautions

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

Protective equipment:

No data available.

Emergency procedures:

Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust.

Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

Environmental precautions:

Do not allow material to be released to the environment without proper governmental permits.

Methods and materials for containment and cleaning up:

All waste must refer to the United Nations, the national and local regulations for disposal.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7 - Handling and Storage

Precautions for safe handling

Consumption of food and beverage should be avoided in work areas.

Wash hands with soap and water before eating, drinking.

Ground containers when transferring liquid to prevent static accumulation and discharge.

Information about fire and explosion protection

Batteries may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

Store in a cool, dry, well-ventilated place.

Information about storage in one common storage facility

Keep away from heat, avoiding the long time of sunlight.

Further information about storage conditions

Keep container tightly sealed.

Specific and use

No data available.

Section 8 - Exposure Controls, Personal Protection

Control parameters

CAS No.	ACGIH	NIOSH	OSHA
15365-14-7	N/A	N/A	N/A
7782-42-5	TLV-TWA 2mg/m3	REL-TWA 2.5mg/m3	PEL-TWA 15mppcf PEL-TWA 20mppcf
7440-50-8	TLV-TWA 0.2mg/m3 TLV-TWA 1mg/m3	REL-TWA 1mg/m3 REL-TWA 0.1mg/m3	PEL-TWA 0.1mg/m3 PEL-TWA 1mg/m3
24937-79-9	N/A	N/A	N/A
7429-90-5	TLV-TWA 10mg/m3 TLV-TWA 5mg/m3	REL-TWA 2mg/m3 REL-TWA 5mg/m3 REL-TWA 10mg/m3	PEL-TWA 5mg/m3 PEL-TWA 15mg/m3

Appropriate engineering controls:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Personal protective equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakage, wear chemical protective clothing, including self-contained breathing apparatus.



Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Colour:	Silver.
Physical State:	Prismatic.
Odour:	Not available
pH:	Not available.
Melting point/freezing point:	Not available.
Initial boiling point and boiling range:	Not available.
Flash Point:	Not available.
Evaporation rate:	Not available.
Flammability (solid, gas):	Not available.
Explosion Limits (vol% in air):	Not available.
Vapour pressure, kPa at 20°C:	Not available.
Vapor density:	Not available.
Density/Relative density (water = 1):	Not available.
Solubility(ies):	Not available.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.

Section 10 - Stability and Reactivity

Reactivity: Data not available.

Chemical stability: Stable.

Possibility of hazardous reactions: Data not available.

Conditions to Avoid

Flames, sparks, and other sources of ignition, incompatible materials.

Incompatibilities

Oxidizing agents, acid, base.

Hazardous Combustible Products

Carbon monoxide, carbon dioxide, lithium oxide fumes.



Section 11 - Toxicological Information

Information on toxicological effects

Acute toxicity

CAS No.	LC50/LD50
15365-14-7	No data available.
7782-42-5	No data available.
7440-50-8	No data available.
24937-79-9	No data available.
7429-90-5	No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: No data available.

Respiratory or Skin sensitization: No data available.

Germ Cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity-Single exposure: No data available. **Specific**

target organ toxicity-Repeated exposure: No data available. **Aspiration**

hazard: No data available.

Information on the likely routes of exposure: No data available. **Eye:** No data available.

Skin: No data available.

Ingestion: No data available.

Inhalation: No data available.

Section 12 - Ecological Information

Ecological Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other adverse effects: No data available.

Section 13 - Disposal Considerations

Disposal methods:

Recommendation:

Consult state, local or national regulations to ensure proper disposal.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Section 14 - Transport Information

UN Number	
IATA	UN3480
IMDG	UN3480
Model Regulation	UN3480
UN Proper shipping name	
IATA	Lithium ion Batteries
IMDG	Lithium ion Batteries
Model Regulation	Lithium ion Batteries
Transport hazard class(es)	
IATA	9
IMDG	9
Model Regulation	9
Packing group	
IATA	N/A
IMDG	N/A
Model Regulation	N/A
Packaging Sign	
IATA	N/A
IMDG	N/A
Model Regulation	N/A
Environmental hazards	
Marine pollutant:	No
Special precautions for user	Not applicable.

Transport information: The Lithium-ion Polymer Battery ([826080TP](#))

The Goods shall be complied with the requirements of Section IB of Packing Instructions 965 of **58th** DGR Manual of IATA (2017 edition) or special provision 188 of IMDG CODE (Amdt.37-14) 2014 Edition. Including the passing of the UN38.3 test.

Transport Fashion: By air, by sea, by railway, by road.

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

CAS No.	TSCA	IECSC	DSL/NDL	EINECS/ ELINCS/ NLP
12190-79-3	Listed	Listed	Listed DSL	Listed
7782-42-5	Listed	Listed	Listed DSL	Listed
7429-90-5	Listed	Listed	Listed DSL	Listed
7440-50-8	Listed	Listed	Listed DSL	Listed



24937-79-9	Listed	Listed	Listed DSL	Listed
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Section 16 - Additional Information

Modification record:

Notice to reader To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS: (Chemical Abstracts Service);

EC: (European Commission);

ACGIH: (American Conference of Governmental Industrial Hygienists);

NIOSH: (US National Institute for Occupational Safety and Health);

OSHA: (US Occupational Safety and Health);

TLV: (Threshold Limit Value)

TWA: (Time Weighted Average);

STEL: (Short Term Exposure Limit);

PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);

PC-STEL: (Permissible concentration-time weighted average);

PC-TWA: (Permissible concentration-short time exposure limit);

LC50: (Lethal concentration, 50 percent kill);

LD50: (Lethal dose, 50 percent kill);

IARC: (International Agency for Research on Cancer);

EC50: (Median effective concentration);

BCF: (Bioconcentration Factor);

BOD: (Biochemical oxygen demand);

NOEC: (No observed effect concentration);

NTP: (US National Toxicology Program);

RTECS: (Registry of Toxic Effects of Chemical Substances);

IATA: (International Air Transport Association);

IMDG: (International Maritime Dangerous Goods);

TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);

TOC: (Total Organic Carbon);

TSCA: (Toxic Substances Control Act of USA);

DSL: (the Domestic Substances List of Canada);

NDSL: (the Non-domestic Substances List of Canada)



Pony Testing International Group 报告编号(Report ID): MLIYQH4U77949711



空运 By Air

货物航空运输条件鉴定书

Certification for Safe Transport of Goods by Air

危 险 品

Dangerous Goods

样品名称及型号 (Sample Description & Model)	聚合物锂离子电池 型号: 826080TP 11.1V 3200mAh Lithium-ion Polymer Battery Model: 826080TP 11.1V 3200mAh 11.1V 3200mAh 35.52Wh
委托单位 (Applicant)	佛山市实达科技有限公司 CLAS Equipements
生产单位 (Manufacturer)	佛山市实达科技有限公司 CLAS Equipements

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Code: f78csjkm87



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Report ID: MLIYQH4U77949711

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货物航空运输条件鉴定书

Certification for Safe Transport of Goods by Air

样品名称	聚合物锂离子电池 型号: 826080TP 11.1V 3200mAh 11.1V 3200mAh 35.52Wh		
Sample Description	Lithium-ion Polymer Battery Model: 826080TP 11.1V 3200mAh 11.1V 3200mAh 35.52Wh		
委托单位	佛山市实达科技有限公司		
Applicant	CLAS Equipements		
生产单位	佛山市实达科技有限公司		
Manufacturer	CLAS Equipements		
检验方法、程序 Inspection method and procedure	国际航空运输协会《危险品规则》(58 版); IATA Dangerous Goods Regulations (DGR) 58 th Edition		
样品信息 Sample information	电池种类/Battery type	锂离子电池 Lithium ion battery	
	型号规格/Model	826080TP 11.1V 3200mAh 11.1V 3200mAh 35.52Wh	
	外观颜色/Appearance	蓝色/Blue 91.8mm×59.5mm×23.1mm	
	商标/Trade mark	CLAS	
包装件信息 Package information	尺寸/Size	387mm(L)×310mm(W)×150mm(H)	
	电池净重/Battery net weight	8.38kg	
	电池个数/Battery number	32pcs	
	放置方式/ Placement	只有电池/Battery only	
鉴定结果 Identification conclusion	1.危险性识别(Hazard identification) 杂项。 Miscellaneous. 2.按照国际航空运输协会《危险品规则》办理类项 (Suggestion according to IATA DGR) Shipping name: Lithium ion batteries Class or division:9 UN Number: UN3480 该物品满足包装说明 965 第 IB 部分。 The goods are in compliance with the packaging instruction 965 section IB. 3.包装要求 (Packaging requirements) 根据包装说明 965 第 IB 部分办理。 The goods are packaged according to the packaging instruction 965 section IB. 仅限货机。Cargo Aircraft Only.		
检验日期 Inspection date	2017 年 1 月 20 日	签发日期 Issue Date	2017 年 1 月 25 日
备注 Comment	本报告有效期至 2017 年 12 月 31 日。 The report is valid until December 31, 2017.		

 主检人 :
(Appraiser)

 审核人 :
(Checker)

 批准人 :
(Approver)



货物航空运输条件鉴定书

Certification for Safe Transport of Goods by Air

序号 No.	检验结果及其他事项 Inspection results and other things
1	客户声明 Consignor announcement: a. 本报告所述锂电池无明显安全缺陷, 不属于因安全原因召回的锂电池。 Lithium cells and batteries listed in this report have no significant defect, and they are not the defective cells and batteries returned to the manufacturer for safety reasons. b. 本报告所述锂电池不进行以回收或处置为目的的航空运输, 不属于废弃锂电池。 Lithium cells and batteries listed in this report are not waste lithium cells and batteries, and they will not be shipped for recycling or disposal from air transport. c. 本报告所述锂电池按照《危险品规则》3.9.2.6(e)规定的质量管理体系进行制造。 Lithium cells and batteries listed in this report were manufactured under the quality management programme as described in DGR 3.9.2.6(e). d. 提交运输的锂离子电池电荷状态(SoC)不超过其额定设计容量的 30%。 Lithium ion cells and batteries must be offered for transport at a state of charge (SoC) not exceeding 30% of their rated design capacity.
2	a. 本报告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。(报告编号: MDIQO6GN37072721) Lithium cells and batteries listed in this report are of the types proven to meet the requirement of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3. (Report No.: MDIQO6GN37072721) b. 包装件能够承受 1.2 米跌落试验。(报告编号: MLIYQH4U77948746) The package has passed the 1.2m drop test. (Report No.: MLIYQH4U77948746)
3	a. 电池芯和电池必须包装在完全封闭的内包装中, 然后放入符合 5.0.2.4, 5.0.2.6.1 和 5.0.2.12.1 的坚固的刚性外包装中。 Cells and batteries must be packed in inner packagings that completely enclose the cell or battery and placed in a strong rigid outer packaging which conform to the provisions of 5.0.2.4, 5.0.2.6.1 and 5.0.2.12.1.

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货物航空运输条件鉴定书

Certification for Safe Transport of Goods by Air

序号 No.	检验结果及其他事项 Inspection results and other things
4	a. 电池具有适当的防短路措施。 Cells and batteries are properly protected to prevent short circuits.
5	a. 按本规则 IB 部分托运的电池必须根据第 8 部分规定在托运人申报单中描述;并且当使用航空货运单时,货运单必须包含 8.2.1 和 8.2.2 中相关适用要求。 Cells or batteries shipped under the provisions of Section IB must be described on a Shipper's Declaration as set out in Section 8, and the air waybill, when used, must contain the applicable information required by 8.2.1 and 8.2.2.
6	a 每个包装件除应贴有第 9 类锂电池危险性标签 (图 7.3.X) 和仅限货机标签 (图 7.4.B) 外, 还需作锂电池标记 (图 7.1.C)。每个包装件必须依据 7.1.4.1(a) 和 (b) 的要求标记, 此外当需要时, 根据 7.1.4.1(c) 的要求将净重标注在包装件上。 Each package must be durably and legibly marked with the lithium battery mark (Figure 7.1.C) in addition to the Class 9- Lithium Battery hazard label (Figure 7.3.X) and the cargo aircraft only label (Figure 7.4.B). Each package must be marked in accordance with the requirements of 7.1.4.1(a). and (b) and in addition the net weight when required by 7.1.4.1 (c) must be marked on the package. b. 第 9 类危险性标签 (图 7.3.W) 和锂电池操作标签 (图 7.4.H), 可继续适用至 2018 年 12 月 31 日。 The Class 9 hazard label (Figure 7.3.W) and the lithium battery handling label (Figure 7.4.H) may continue to be used until 31 December 2018.

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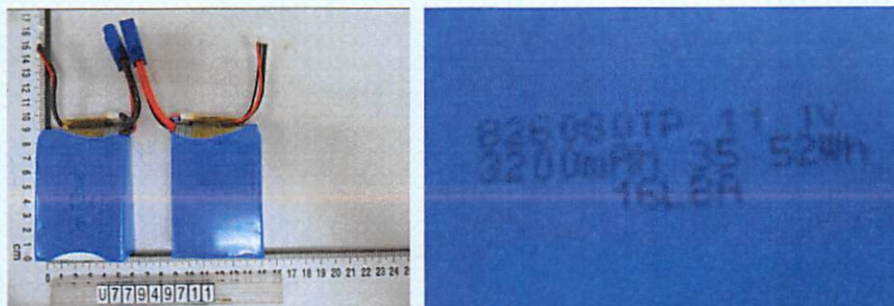
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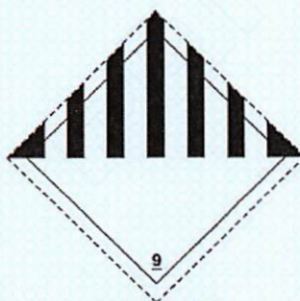
Page 4 of 4

样品图片 (Photo of the Sample):

电池 Battery



包装件 Package



仅对原报告照片中的样品负责

Authenticate the photo on original report only

***报告结束 End of report ***



Pony Testing International Group

报告编号(Report ID): MLIYQH4U77950711



海运 By Sea

货物运输条件鉴定书

Certification for Safe Transport of Goods

非限制性货物
Non-restricted Goods样品名称及型号
(Sample Description
& Model)聚合物锂离子电池 型号: 826080TP 11.1V 3200mAh
Lithium-ion Polymer Battery Model: 826080TP 11.1V 3200mAh
11.1V 3200mAh 35.52Wh委托单位
(Applicant)佛山市实达科技有限公司
CLAS Equipements生产单位
(Manufacturer)佛山市实达科技有限公司
CLAS EquipementsPONY 谱尼测试
Pony Testing International Group
www.ponytest.comNo.: MLIYQH4U77950711
Code: cy69e731vz



Pony Testing International Group

Report ID: MLIYQH4U77950711

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货物运输条件鉴定书

Certification for Safe Transport of Goods

样品名称 Sample Description	聚合物锂离子电池 型号: 826080TP 11.1V 3200mAh 11.1V 3200mAh 35.52Wh		
	Lithium-ion Polymer Battery Model: 826080TP 11.1V 3200mAh 11.1V 3200mAh 35.52Wh		
委托单位 Applicant	佛山市实达科技有限公司		
	CLAS Equipements		
生产单位 Manufacturer	佛山市实达科技有限公司		
	CLAS Equipements		
检验方法、程序 Inspection method and procedure	国际海事组织《国际海运危险货物规则》(2014 版) (37-14) IMO International Maritime Dangerous Goods Code (2014 Edition) (37-14)		
样品信息 Sample information	电池种类/Battery type	锂离子电池 Lithium ion battery	
	型号规格/Model	826080TP 11.1V 3200mAh 11.1V 3200mAh 35.52Wh	
	外观/Appearance	蓝色/Blue 91.8mm×59.5mm×23.1mm	
	商标/ Trade mark	CLAS	
包装件信息 Package information	尺寸/Size	387mm(L)×310mm(W)×150mm(H)	
	毛重/Gross weight	9.10kg	
	电池个数/Battery number	32pcs	
	放置方式/ Placement	只有电池/Battery only	
鉴定结果 Identification conclusion	1.危险性识别(Hazard identification) 锂离子电池。 Lithium ion battery. 2.按照国际海事组织《国际海运危险货物规则》办理类项 (Suggestion according to IMO IMDG Code) 根据特殊规定 188, 该物品不受 IMO IMDG Code 其他规定限制。 The article is not restricted to other provisions of IMO IMDG Code according to special provision 188. 3.包装要求 (Packaging requirements) 普通包装。 Not restricted in IMO IMDG Code.		
检验日期 Inspection date	2017 年 1 月 20 日	签发日期 Issue Date	2017 年 1 月 25 日
备注 Comment	本报告有效期至 2017 年 12 月 31 日。 The report is valid until December 31, 2017.		

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Certification for Safe Transport of Goods

序号 No.	检验结果及其他事项 Inspection results and other things
1	客户声明 Consignor announcement: a.本报告所述锂电池无明显安全缺陷, 不属于因安全原因召回的锂电池。 Lithium cells and batteries listed in this report have no significant defect, and they are not the defective cells and batteries returned to the manufacturer for safety reasons. b.本报告所述锂电池不进行以回收或处置为目的的海上运输, 不属于废弃锂电池。 Lithium cells and batteries listed in this report are not waste lithium cells and batteries, and they will not be shipped for recycling or disposal from sea transport. c.本报告所述锂电池按照《国际海运危险货物规则》2.9.4.5 规定的质量管理体系进行制造。 Lithium cells and batteries listed in this report were manufactured under the quality management programme as described in IMDG Code 2.9.4.5.
2	a.本报告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。(报告编号: MDIQO6GN37072721) Lithium cells and batteries listed in this report are of the types proven to meet the requirement of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3. (Report No.: MDIQO6GN37072721) b. 包装件能够承受 1.2 米跌落试验。(报告编号: MLIYQH4U77948746) The package has passed the 1.2m drop test. (Report No.: MLIYQH4U77948746)
3	a.锂电池完全封装在内包装内, 位于符合 4.1.1.1、4.1.1.2 和 4.1.1.5 规定的坚固的外包装中。 Lithium cells and batteries are packed in inner packagings that completely enclose the cell or battery and placed in strong outer packagings which conform to the provisions of 4.1.1, 4.1.1.2 and 4.1.1.5.
4	a.电池具有适当的防短路措施。 Cells and batteries are properly protected to prevent short circuits.

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货物运输条件鉴定书

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5	a. 每个包装件应按以下要求进行标记, 每批货物提供含以下要求的随附文件。 i) 适当说明包装件内装有锂离子电池组。 ii) 说明包件必须小心轻放及如果损坏存在易燃危险。 iii) 说明一旦包装件破损须遵循特殊的程序, 包括必要的检查和重新包装。 iv) 作为附加信息的电话号码。 Each package shall be marked with the following requirements, and each consignment shall be accompanied with a document including that: i) An indication that the package contains lithium ion batteries. ii) An indication that the package shall be handled with care and that a flammability hazard exists if the package is damaged. iii) An indication that special procedures shall be followed in the event the package is damaged, to include inspection and repacking if necessary. iv) A telephone number for additional information.
6	a. 每个包装件毛重不得超过 30 千克。 Each package shall not exceed 30 kg gross mass.

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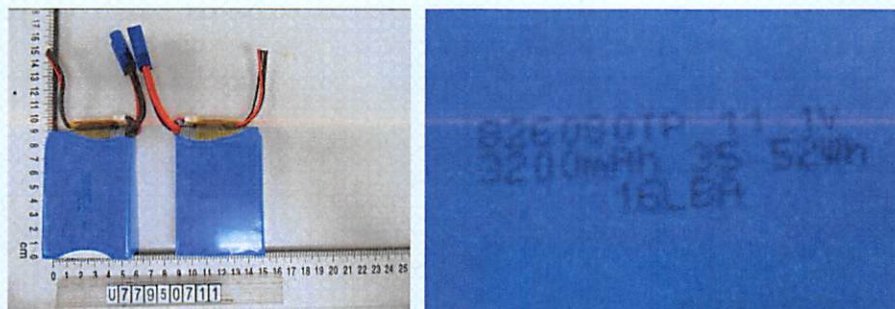
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样品图片 (Photo of the Sample):

电池 Battery



包装件 Package



仅对原报告照片中的样品负责

Authenticate the photo on original report only

***报告结束 End of report ***