



Report No.: MOI4D2TJ65696716

MSDS Report

Sample Name

& Model

Li-MnO₂ Button cell CR2025

Applicant

Liyuan Battery Technology (ShenZhen) Co., Ltd

Address

Building B, Gushu Hongwan Joint Stock Company, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen





No.: MOI4D2TJ65696716

Code: 41gsq27

北京实验室: (010)83055000 上海实验室: (021)64851999 长春实验室: (0431)85150908 青岛实验室: (0532)88706866 大连实验室: (0411)87336618

深圳实验室: (0755)26050909 哈尔滨实验室: (0451)58627755 天津实验室: (022)23607888 郑州实验室: (0371)69350670 苏州实验室: (0512)62997900 新疆实验室: (0991)6684186

石家庄实验室: (0311)85376660 武汉实验室: (027)83997127 西安实验室: (029)89608785 呼和浩特实验室: (0471)3450025 杭州实验室: (0571)85806807

宁波实验室: (0574)87977185

合肥实验室: (0551)63843474 广州实验室: (020)89224310 厦门实验室: (0592)5568048 成都实验室: (028)87702708



声 明 Statement

- 1. 本证明/报告的结论仅对委托方所送样品负责。 The conclusion of the certificate/report is responsible for the provided sample only.
- 2. 委托方必须如实提供样品,申报和声明资料,并保证与实际相符,否则由委托方承担由此导致的全部后果和责任。 The applicant shall provide accurately and truly the description and statement of the sample, shall guarantee to match the sample and real situation which they provided and declared. Otherwise the application shall bear any relevant consequences and responsibility.
- 3. 如委托方提供的样品及相关资料存在虚假、伪造等情形,所造成的全部后果和责任由委托方承担。 In case the sample and documents provided involved in the situation of fake and forgery, any consequences and responsibility caused by this shall be undertaken by applicant.
- 4. 本证明/报告私自转让、盗用、冒用、涂改、未经本单位批准的复制(全文复制除外)或以其它任何形式的篡改均属无效,本单位将对上述行为严究其相应的法律责任。
 The certificate/report is invalid in case of illegal transfer, embezzlement, imposture, modification or any altering, reproducing except in full, without approval of PONY. PONY shall investigate and affix the applicant's legal liability accordingly.
- 本证明/报告不考虑国家及经营人差异。
 The certificate/report takes no account of the differences of countries and applicants.
- 本单位有权在完成证明/报告后处理委托方所送样品。 PONY has the right to dispose the provided sample after approval of the certificate/report.

▲防伪说明:

- (1) 报告编号是唯一的;
- (2) 报告采用特制防伪纸张印制,纸张表面带有"PONY"防伪纹路,该防伪纹路不支持复印,即复制件不会带有"PONY"防伪纹路;
- (3) 报告采用的防伪纸张内部亦加带有高科技"PONY"防伪水印,只有在验钞机等紫外线照射下方可显出无色荧光防伪字样。



全国服务热线 400-819-5688

WWW.PONYTEST.COM



北京实验室: (010) 83055000 武汉实验室: (027) 83997127 哈尔滨实验室: (0451)58627755
上海实验室: (021) 64851999 长春实验室: (0431)85150908 石家庄实验室: (0311)85376660 温州实验室: (0577)88271060
青岛实验室: (0532)88706866 大连实验室: (0411)87336618 乌鲁木齐实验室: (0991) 6684186 合肥实验室: (0551)63843474
深圳实验室: (0755)26050909 郑州实验室: (0371)69350670 呼和浩特实验室: (0471) 3450025 广州实验室: (0592)5568048
天津实验室: (0512)62997900 太原实验室: (0351) 7555762 宁 波 实 验 室: (0574)87977185 成都实验室: (028) 87702708





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 1 of 11

Material Safety Data Sheet

Reference to ST/SG/AC.10/30/Rev.8 (GHS)

Section 1 - Chemical Product and Company Identification

Chemical Product Identification Sample Name: Li-MnO₂ Button cell

Sample Model: CR2025 Recommended Uses: N/A Restrictions on Use: N/A

Supplier Name: Liyuan Battery Technology (ShenZhen) Co.,Ltd

Address: Building B, Gushu Hongwan Joint Stock Company, Sanwei Community, Hangcheng Street,

Baoan District, Shenzhen

Phone Number: 0755-29887011

FAX: 0755-23501286

E-mail: xuliqing@liyuancell.com

Emergency Phone Number: 0755-29887011

Section 2 - Hazards Identification

Emergency overview: This product is a battery. Intended use of the product should not result in exposure to the chemical substance. In case of rupture the below hazards exist.

Classification according to GHS

Acute toxicity, oral (4)

Acute toxicity, inhalation (4)

Skin corrosion/irritation (1A-1C)

Serious eye damage/eye irritation (1)

Sensitisation, skin (1, 1A, 1B)

Carcinogenicity (2)

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

Specific target organ toxicity, repeated exposure (2)

Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):



(**) Hotline 400-819-5688 WWW.ponytest.com Pony Testing Group Shenzhen Co., Ltd. Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China Phone: 0755-26050909 www.ponytest.com

青岛实验室: (0532) 88706866 深圳实验室: (0755) 26050909 天津实验室: (022) 23607888 苏州实验室: (0512) 62997900

北京实验室: (010) 83055000

武汉实验室: (027) 83997127 上海实验室: (021) 64851999 武汉车附所: (027) 82318175 长春实验室: (0431) 80530198 大连实验室: (0411) 87336618 哈尔滨实验室: (0451) 58627755

郑州实验室: (0371) 69350670

新疆实验室: (0991) 6684186 石家庄实验室: (0311) 85376660 西安实验室: (029) 89608785 杭州实验室: (0571) 85806807 宁波实验室: (0574) 87977185 呼和浩特体验室: (0471) 3450025

太原实验室: (0351) 7555722 南宁实验室: (0771) 5554165 合肥实验室: (0551) 63843474 广州实验室: (020) 89224310 厦门实验室: (0592) 5568048 成都实验室: (028) 87702708





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 2 of 11

H302 Harmful if swallowed

H332 Harmful if inhaled

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

H317 May cause an allergic skin reaction

H351 Suspected of causing cancer

H335 May cause respiratory irritation

H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s):

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust, fume, gas, mist, vapours, spray.

P264 Wash skin and clothing thoroughly after handling.

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

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

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, protective clothing, eye protection, face protection.

Response:

P330 Rinse mouth.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P363 Wash contaminated clothing before reuse.

P310 Immediately call a POISON CENTER.

P321 Specific treatment (See additional emergency instructions).

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352 IF ON SKIN: Wash with plenty of water.

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

P405 Store locked up.

Disposal:

P501 Send contents 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



苏州实验室: (0512) 62997900

郑州实验室: (0371) 69350670

呼和岩特实验室: (0471) 3450025





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 3 of 11

Section 3 – Composition/Information on Ingredients

Chemical characterization: Mixture

| Chemical Composition | CAS No. | EC# | Weight (%) |
|---------------------------------|------------|-----------|------------|
| Stainless steel | 12597-68-1 | 603-108-1 | 49.66 |
| Manganese dioxide | 1313-13-9 | 215-202-6 | 30.99 |
| Carbon black | 1333-86-4 | 215-609-9 | 2.17 |
| Graphite | 7782-42-5 | 231-955-3 | 2.17 |
| Polytetrafluoroethylene resin | 9002-84-0 | 618-337-2 | 0.77 |
| Lithium | 7439-93-2 | 231-102-5 | 2 |
| Lithium Perchlorate | 7791-03-9 | 232-237-2 | 4 |
| 1,2-Propanediolcyclic carbonate | 108-32-7 | 203-572-1 | 3 |
| Ethylene glycol dimethyl ether | 110-71-4 | 203-794-9 | 1.48 |
| Polypropylene | 9003-07-0 | 618-352-4 | 3.76 |

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, get 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: Treat symptomatically.



苏州实验室: (0512) 62997900

郑州实验室: (0371) 69350670





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 4 of 11

Section 5 - Fire Fighting Measures

Suitable extinguishing media:

Small Fire: Dry chemical, soda ash, lime or sand. Large Fire: DRY sand, dry chemical, soda ash or lime or withdraw from area and let fire burn. Move containers from fire area if you can do it without risk.

Unsuitable extinguishing media:

Water or foam.

Specific 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. Produce flammable gases on contact with water. May ignite on contact with water or moist air. Some react vigorously or explosively on contact with water. May be ignited by heat, sparks or flames. May re-ignite after fire is extinguished. Runoff may create fire or explosion hazard.

Specific protective actions for fire-fighters:

Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal precautions:

As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. Keep unauthorized personnel away. Stay upwind, uphill and/or upstream. Ventilate the area before entry.

Protective equipment:

No data available.

Emergency procedures:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Stop leak if you can do it without risk. Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material. DO NOT GET WATER on spilled substance or inside containers. Small Spill: Cover with DRY earth, DRY sand or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain. Dike for later disposal; do not apply water unless directed to do so. Powder Spill: Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. DO NOT CLEAN-UP OR DISPOSE OF, EXCEPT UNDER SUPERVISION OF A SPECIALIST.

Environmental precautions:

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

Methods and materials for containment and cleaning up:

For all waste handing must refer to United Nations, National and Local Regulations for disposal.

天津实验室: (022) 23607888

苏州实验室: (0512) 62997900

郑州实验室: (0371) 69350670





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 5 of 11

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:

Avoid short circuiting the battery. Avoid mechanical damage of the battery. Do not open or disassemble. Batteries may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated place. Keep away from heat, avoiding the long time of sunlight.

Section 8 - Exposure Controls/Personal Protection

Control parameters

| CAS No. | ACGIH | NIOSH | OSHA | |
|--------------|----------------------------|------------------------------|------------------------------------|--|
| 12597-68-1 | N/A | N/A | N/A | |
| 1313-13-9 | N/A | N/A | N/A | |
| 1333-86-4 | TLV-TWA 3mg/m ³ | REL-TWA 3.5mg/m ³ | PEL-TWA 3.5mg/m ³ | |
| 7782-42-5 | TLV-TWA 2mg/m ³ | REL-TWA 2.5mg/m ³ | PEL-TWA 15mppcf PEL-TWA 20mppcf | |
| 9002-84-0 | N/A | N/A | N/A | |
| 7439-93-2 | N/A | N/A | N/A | |
| 7791-03-9 | N/A | N/A | N/A | |
| 108-32-7 N/A | | N/A | N/A | |
| 110-71-4 | N/A | N/A | N/A | |
| 9003-07-0 | N/A | N/A | N/A | |

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:



Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe

Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China

Phone: 0755-26050909

北京实验室: (010) 83055000 上海实验室: (021) 64851999 武汉车附所: (027) 82318175 青岛实验室: (0532) 88706866 长春实验室: (0431) 80530198 深圳实验室: (0755) 26050909

天津实验室: (022) 23607888

苏州实验室: (0512) 62997900

武汉实验室: (027) 83997127 大连实验室: (0411) 87336618 哈尔滨实验室: (0451) 58627755

郑州实验室: (0371) 69350670

新疆实验室: (0991) 6684186 石家庄实验室: (0311) 85376660 西安实验室: (029) 89608785 杭州实验室: (0571) 85806807 宁波实验室: (0574) 87977185

呼和浩特实验室: (0471) 3450025

太原实验室: (0351) 7555722 南宁实验室: (0771) 5554165 合肥实验室: (0551) 63843474 广州实验室: (020) 89224310 厦门实验室: (0592) 5568048 成都实验室: (028) 87702708





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 6 of 11

Respiratory protection: Wear suitable protective mask. For a large large number of battery leakages, wear chemical protective clothing, including self-contained breathing apparatus.

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

Eye 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:** Button.

Odour: Not available. Odour threshold: Not available. pH: Not available. Melting point/freezing point: Not available. Initial boiling point and boiling range: Not available. Flash Point: Not available. Not available. Evaporation rate: Not available. Flammability (solid, gas): Not available. Explosion Limits (vol% in air):

Vapour pressure, kPa at 20°C: Not available. Not available. Vapor density: Density/Relative density (water = 1): Not available. Solubility(ies): Not available.

Partition coefficient: n-octanol/water: Not available. Not available. Auto-ignition temperature: Not available. Decomposition temperature: Not available. Viscosity:

Other information:

Voltage 3.0V **Electric capacity** 150mAh Aggregate lithium content 0.045g

Section 10 - Stability and Reactivity



天津实验室: (022) 23607888

苏州实验室: (0512) 62997900

郑州实验室: (0371) 69350670

呼和哈特实验室: (0471) 3450025





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 7 of 11

Reactivity: No data available. Chemical stability: Stable.

Possibility of hazardous reactions: No data available.

Conditions to Avoid: Flames, sparks, and other sources of ignition, incompatible materials.

Incompatible materials: Oxidizing agents, acid base.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, lithium oxide fumes.

Section 11 - Toxicological Information

Acute Toxicity:

| CAS No. | LC50/LD50 | | | |
|------------|---|--|--|--|
| 12597-68-1 | No data available. | | | |
| 1313-13-9 | No data available. | | | |
| 1333-86-4 | No data available. | | | |
| 7782-42-5 | No data available. | | | |
| 9002-84-0 | No data available. | | | |
| 7439-93-2 | No data available. | | | |
| 7791-03-9 | No data available. | | | |
| 108-32-7 | LD50 Rat (oral): ≥29000mg/kg; LD50 Rabbit (Dermal): >20000mg/kg | | | |
| 110-71-4 | LD50 Rat (oral): 2525mg/kg | | | |
| 9003-07-0 | 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.



郑州实验室: (0371) 69350670

呼和浩特实验室: (0471) 3450025





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 8 of 11

Section 12 - Ecological Information

Ecological Toxicity:

CAS# 108-32-7

LC50: >1000 mg/L - Fish (Carp) - 96h;

EC50: >1000 mg/L - Crustaceans (Daphnia magna) - 48h; EC50: >900 mg/L - Algae (Scenedesmus subspicatus) - 72h

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 or ID Number | |
|----------------------------------|-------------------------|
| IATA | UN3090 |
| IMDG | UN3090 |
| Proper Shipping Name/Description | |
| IATA | Lithium metal batteries |
| IMDG | LITHIUM METAL BATTERIES |
| Class or Div. (Sub Hazard) | |
| IATA | 9 |
| IMDG | 9 |
| Packing Group | |
| IATA | N/A |
| IMDG | N/A |

天津实验室: (022) 23607888

苏州实验室: (0512) 62997900

郑州实验室: (0371) 69350670

呼和浩特实验室: (0471) 3450025





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 9 of 11

| Special precautions for user | No information available. | |
|------------------------------|---------------------------|--|
| Marine pollutant: | No | |
| Environmental hazards | | |
| IMDG | N/A | |
| IATA | N/A | |
| Hazard Label | | |

Transport information: The Li- MnO_2 Button cell CR2025 has passed the test UN38.3, according to the report ID: MOIEISTJ56928721.

According to the Packing Instruction 968 section II of IATA DGR 62nd Edition for transportation, Cargo aircraft only.

According to the special provision 188 of IMDG (39-18), the goods are not subject to other provision of this code.

Separate batteries to prevent short-circuiting, and they should be packed in strong package during transport. Lithium cell or battery should incorporate a safety venting device or be designed to prevent a violent rupture under normal transport conditions. Keep away from high temperature and open flames.

Note: Batteries weight in the package < 5kg(By air, Batteries packed with equipment).

Transport Fashion: By air, by sea.

Section 15 - Regulatory Information

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

| CAS No. | TSCA | IECSC | DSL/NDSL | EINECS/ ELINCS/ NLP |
|------------|--------|--------|------------|---------------------|
| 12597-68-1 | Listed | Listed | Listed DSL | Listed |
| 1313-13-9 | Listed | Listed | Listed DSL | Listed |
| 1333-86-4 | Listed | Listed | Listed DSL | Listed |
| 7782-42-5 | Listed | Listed | Listed DSL | Listed |
| 9002-84-0 | Listed | Listed | Listed DSL | Listed |
| 7439-93-2 | Listed | Listed | Listed DSL | Listed |
| 7791-03-9 | Listed | Listed | Listed DSL | Listed |

天津实验室: (022) 23607888

苏州实验室: (0512) 62997900

郑州实验室: (0371) 69350670

呼和沿特实验室: (0471) 3450025





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 10 of 11

| 108-32-7 | Listed | Listed | Listed DSL | Listed |
|-----------|--------|--------|------------|--------|
| 110-71-4 | Listed | Listed | Listed DSL | Listed |
| 9003-07-0 | Listed | Listed | Listed DSL | Listed |

Section 16 - Other Information

Issue Date: 2021-01-06

Issue Department: Technical department

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-short time exposure limit);

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

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);



哈尔滨实验室: (0451) 58627755

郑州实验室: (0371) 69350670

天津实验室: (022) 23607888

苏州实验室: (0512) 62997900





Report No.: MOI4D2TJ65696716 Date: 2021-01-06 Page 11 of 11

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)

End of report

Pony Testing Group Shenzhen Co., Ltd.
Address: 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park, Yonghe
Road, Qiaotuo Community, Baoan District, Shenzhen, Guangdong, China
Phone: 0755-26050909

北京实验室: (010) 83055000 上海实验室: (021) 64851999 青岛实验室: (0532) 88706866 深圳实验室: (0755) 26050909

天津实验室: (022) 23607888

苏州实验室: (0512) 62997900

武汉车附所: (027) 82318175 长春实验室: (0431) 80530198 大连实验室: (0411) 87336618 哈尔滨实验室: (0451) 58627755

郑州实验室: (0371) 69350670

武汉实验室: (027) 83997127 新疆实验室: (0991) 6684186 石家庄实验室: (0311) 85376660 西安实验室: (029) 89608785 杭州实验室: (0571) 85806807 宁波实验室: (0574) 87977185 呼和陪特实验室: (0471) 3450025

太原实验室: (0351) 7555722 南宁实验室: (0771) 5554165 合肥实验室: (0551) 63843474 广州实验室: (020) 89224310 厦门实验室: (0592) 5568048