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Official website



Online service



CATO Research Chemicals Inc.

Make the Tests More Accurate

CATO Research Chemicals Inc.

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Reference Materials & Standards



Preparative Separation & Structure Confirmation

Make the Tests More Accurate



About CATO

CATO Research Chemicals Inc. is the largest pharmaceutical reference materials & standards producer in China. CATO locates in Guangzhou, China, covering an area of 6000m² and employing more than 180 people, of which 72% are technical personnel. Relying on advanced synthesis and analysis capabilities of pharmaceutical small molecule compounds and the world's only ISO17034 dual system certification, we provide top-quality reference materials & standards to customers around the world. Meanwhile, as a member of the Chinese Standards Technical Committee, CATO participates in the formulation of new international standards in 2023, and has carried out extensive cooperation with global pharmacopoeia institutions such as USP and EP.



Technical Capacity

72+

PhD Senior Engineer Team

4000 m²

Synthesis & Analysis Lab

21600+

Research on the Synthesis of Small Molecule Compounds



CATO's Vision: Bring Chinese Standards to the World



Synthesis technology



Hexavalent sulfur and fluorine exchange reaction active system



-50°C synthesis technology



Chiral and heterocyclic compounds synthesis



Preparation and separation technology of unknown compounds



Technology of small molecule deuterization of drugs



Water-free and oxygen-free experimental platform

Make the Tests More Accurate

Analytical technology



- The first company in China to use NMR for structure confirmation and value assignment
- 150 sets (sets) of high-end instruments

NMR	LCMSMS	LCMS
HPLC	GC	GCMS
IR	TGA	Precision Balances (0.001 mg)
Karl Fischer Titrators	PTLC

- Standard structure confirmation technology approved by drug review
- Development of drug impurity analysis methods
- Structure identification of unknown compounds



PhD analysis team



The investment in equipment & facilities exceeds 30 million



Unknown substance exploration



Main Products



63300 + reference materials & standards
covers **95%+** API , **92%** international standards



32000 +
Pharmaceuticals



6000 +
Polypeptide



5300 +
Isotope



5200 +
Pesticide



3600 +
Veterinary



1300 +
Environment



1600 +
Nature Extraction



1800 +
Food



6200 +
Consumer Goods



Custom Composite Service

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CATO product brochure download



Make the Tests More Accurate



Quality Assurance



Multi-method calibration assignment, traceable to SI



HSE management

Follow the OHSAS18001, ISO14001 and PSM, establish a complete environment, safety and occupational health management system.



China green manufacturing enterprise



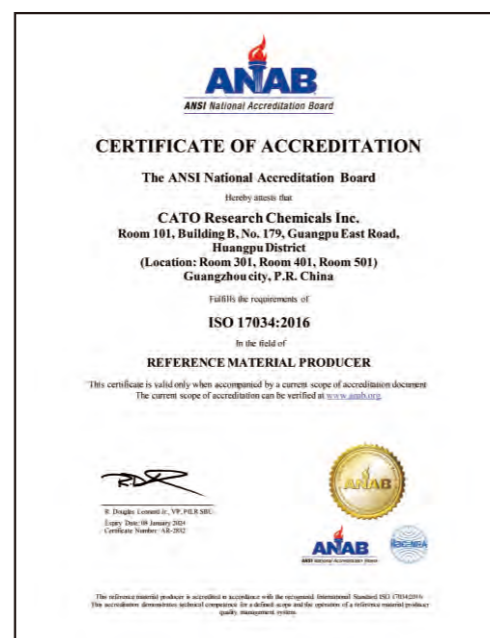
System certification

The only RMP accredited with ISO 17034 by CNAS and international organization

CNAS ISO 17034



ANAB ISO 17034



Neat organic and Liquid solution reference materials

To verify our certificates

ANAB: <https://search.anab.org/>

CNAS: https://las.cnas.org.cn/LAS_FQ/publish/externalQueryRM.jsp

Make the Tests More Accurate

Packaging & transportation

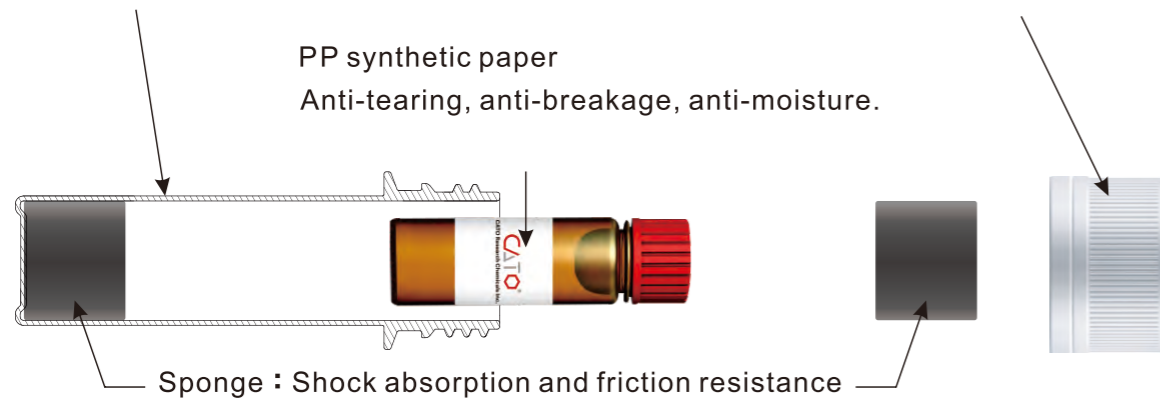
Industry top packaging

PP plastic bottle

Has high shock-resistance, strong mechanical properties, resistance to a variety of organic solvents and acid-base corrosion.

Anti-theft bottle cap

A ring is bonded to the inner wall of the cap-top tailed by an anti-theft ring, ensuring that the product is opened for the first time.

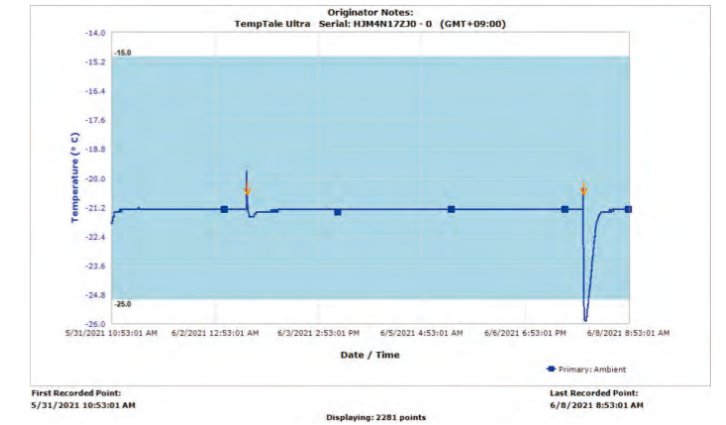


20 meters falling down test passed

Global cold chain transportation



Specified dry ice bucket



-20°C cold chain temperature monitoring

Zipper opening for easy unpacking

High strength insulation foam inside



Easy to identify, waterproof and moisture-proof

Recyclable



Make the Tests More Accurate



Agent Cooperation



We provide comprehensive business support for global agents.



Evaluate regional customers

We work with you to evaluate customer resources in your region and target customers.



Cultivate sales skills

Turn your sales team into sales experts in 30 days with clear, easy-to-understand online & written training.



Jointly develop customers

Assist you with customer visits, product introductions, provide product quotations and technical support, and facilitate customers to sign agreements with you.



Comprehensive product support

Our production line covers 95%+ API related reference standards in the world , with a spot rate of 80%+, and provides product synthesis and customization services.



Competitive product price

CATO provide competitive discounts below the market, reduce customer costs, and leave enough profit margins for agents.



Local business support

Local business transferred to authorized regional sole agent.



Same day shipping for in stock products

In-stock product orders placed before 16:00 will be shipped on the same day.



24 hours technical support

CATO technical service team provides support directly to customers.



CATO agent conference