

Chemistry Service Unit

Chemical Reagent Service

The Commercial Reagents Center serves the global chemical and life sciences industry with reagent sourcing and cataloging services with integrated quality assurance, customized chemical synthesis, and bulk chemical services.

WuXi AppTec is a global leader in providing discovery, testing and manufacturing services for the pharmaceutical, biotechnology and medical device industries. Research-driven and customer-focused, with operations in China and the U.S., WuXi AppTec offers a broad and integrated portfolio of services designed to assist our customers with cost-effective and efficient outsourcing solutions.

WX
LISTED
NYSE

Over 20,000 reagents pre-screened by WuXi Commercial Reagents Center, with 60% selected from over 3,000 quality vendors in China

Fast quotation: within 24-48 hours of receipt of request

Amount from grams to tens of kilograms

Quick global shipping: 3-5 working days for in-stock reagents and average 2 weeks for out-of-stock reagents

Storage Capabilities:

- Temperature controlled reagent storage area with optimal ventilation, and custom software system to manage inventory:
 - 2,000 SQM room temperature area and > 500 SQM cold storage area (-20 °C ~ 4 °C)
 - Software system with barcode and RFID technology
 - Over 20 Motorola (MC65) /Honeywell (Dolphin 6100) EDAs and PDTs

Quality Control:

- Well trained and experienced analytical scientists with extensive analytical and purification capability:
 - Standard LCMS-ELSD-UV (GC,GC/MS, HPLC/MS) platform for QC of required reagent
 - Elucidate structure by the combination of analytical techniques, including NMR (1H, 13C, 2D), IR, HR-MS, UV, Raman, Elemental Analysis, X-Ray, XRPD, DSC, TGA, Intrinsic Dissolution, Log P, Log D, Hygroscopicity, Melting Point, pKa, Optical Rotation, etc. per client's request
 - 1D spectra of 1H, 13C, 19F, 31P, 11B, 15N
 - 2D COSY, TOCSY, HSQC, HMBC, NOESY and ROESY
 - Q-NMR method to determine potency factor

Chemical Inventory Management System

User ID:
Password:
 Remember me

For more information on WuXi AppTec's services please contact:

North America / Europe

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China

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Case Study - High Purity Reagent Purchase

Request: 1000 reagents/Year, 100 g - 20 kg for a fine chemical company

Challenge:

- Screening 4,000-5,000 vendors from Chinese Market to select qualified suppliers
- > 97% Reagent Grade, some need customized production
- Special specification according to local law: appearance, clarity, dissolution test

Set Up New SOPs

- Purchase
- QC
- Test
- Package
- Delivery

Facility Support

- GC focused QC
- Customized HPLC column and mobile phase

Logistics Support

- Dedicated team for regular shipment
- Prioritized shipment of innovative set of compounds

Case Study - Bulk Chemicals Service

Request: 1 kg initial order, then 600 kg, > 99% purity, non-GMP

Challenge:

- Only > 97% purity found on general market

Sourcing

- Selected 3-4 suppliers previously worked with WuXi
- Site visit to check feasibility of supply

Facility Support

- 50% prepayment to help supplier start
- Weekly update
- QA & QC control by WuXi

Package & Delivery

- Custom package - 60 Kg bucket
- Special packaging for dangerous goods
- Fast export cycle-time