# Chemical products & services at a glance

Scalable. Reliable. Quality.

Chemicals

Whether you are in research and discovery or planning for scale to commercial manufacturing, Thermo Fisher Scientific has end-to-end solutions.

92,000+

3,500+

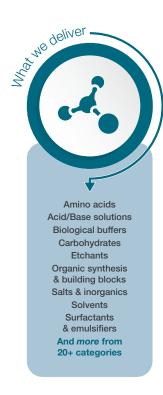
16 locations around the world

# Summary of capabilities

- Portfolio of non-cGMP and cGMP chemicals
- Sourcing strategy support
- · Manufacturing/custom synthesis
- Supply chain management, supply chain consolidation
- · Custom packaging and labeling

- Returnable drums
- Just-in-time delivery
- Raw material sampling and testing
- Poly-palletization









Chemicals

## Commitment to sustainability

Thermo Fisher Scientific is helping to develop and deliver innovative and environmentally responsible products for our customers.

Solutions designated here with a are designed specifically to support your sustainability goals.

## Research chemicals & services

Our specialized chemical services team has a proven track record in providing larger quantities of molecules and materials through our global expertise in custom synthesis and supply chain management for use in non-regulated environments.

#### Bulk non-GMP chemicals

Our bulk chemicals will allow you to go beyond the catalogue and scale up from grams to hundreds or thousands of kilograms.

We can secure and manage the supply of bulk volume products using either internal manufacturing or select partners worldwide through our extensive supply-chain network.

#### Returnable drums and containers



Re-usable, stainless steel drums with a closed system can help reduce the amount of solid waste generated, and can prevent the release flammable or toxic vapors into the air.

Enhanced safety features:

- Color-coded mechanical lockout connectors to prevent improper hookups
- Secondary manual shut-off valves, in addition to isolation valves, are incorporated into the quick-connect hardware

#### Custom chemicals

#### Custom packaging & labeling

Designed for:

- Safety
- Environmental protection
- Convenient handling and storage
- Preservation of product integrity

#### Custom blend & synthesis

- Custom manufacturing of organic & inorganic chemicals
- Custom solvent blends
- Chemical synthesis development & optimization
- Route design and scale up

## cGMP chemicals & services

When you are challenged to grow and scale your manufacturing capabilities in preparation for commercialization, you are tasked with strategic business decisions to source reliable chemicals and raw materials to use in a GMP-regulated environment and optimize your capacity. Source your production chemicals and receive supply chain management support with our help.

## **Production Chemicals and Sourcing Services**

Sourcing support and access to all of the major cGMP chemicals your processes need for your primary, secondary and multi-sourcing strategies.

### cGMP Distribution Services



Maintain compliance in your deliveries of GMP-manufactured chemicals and reduce transportation emissions by consolidating your supply chain.

- Order management
- Procurement
- Material receipt and handling
- Quality management system
- Supply chain process mapping and assessment

## **Assurance of Supply Services**

Get the GMP-manufactured chemicals you need, when you need them with just-in-time delivery.

Custom stocking agreements and inventory management

# Production Ready Services\*

Accelerate raw materials quality release.

- Raw material sampling
- Production material QC/QA inspection
- Production material release
- Virtual consignment

## Warehouse Efficiency Services\*

Achieve efficiency in receiving, handling, and storing your cGMP chemicals.

- Custom labeling and barcoding
- Poly-palletization
- Recycling of returnable drums and containers



- Returnable fleet management
- Dip tube exchange

\*Currently only available within the United States



Request more about our chemical capabilities by scanning the QR code.

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