

Chemicals

# Custom and bulk chemical services for non-GMP

Supporting bench to production applications for multiple industries

Whether you are in research and discovery or planning for scale to commercial manufacturing, Thermo Scientific Chemicals has **80,000+ chemicals** to choose from through our extensive global network of **3,500+ manufacturers**.



Biopharma  
Diagnostics  
Electronics  
Healthcare  
Industrial  
Pharma



Amino acids  
Acid/Base solutions  
Biological buffers  
Biological reagents  
Specialty chemicals and materials  
Cleaning agents & disinfectants  
Carbohydrates  
Chromatography column cleaning  
& preservation  
Developers  
Etchants  
High-purity water  
Media supplements  
Minerals and vitamins  
Organometallics  
Organic and inorganic reagents  
Resist (positive/negative)  
Resist strippers  
Salts & inorganics  
Solvents  
Surfactants & emulsifiers  
**And more**



North America  
Europe  
Asia Pacific

## Commitment to sustainability

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

Look for the  to see which chemical solutions are designed specifically to help you decrease your carbon footprint and support your sustainability goals.

## Chemicals and services for every step of your bench-to-production journey

### Sourcing support




Availability of raw materials is critical to business success—lengthy lead times and shortened supply of raw materials cannot stand in your way. Accessing our broad portfolio allows you to choose your desired chemicals that help you successfully fulfill your sourcing needs and build your chemical library.

Our sourcing team has the global reach to provide support for your chemical sourcing decisions and strategies—primary, secondary, and multi-sources—for your projects in R&D stages through commercialization.

### Supplier and order management

Our expertise of supply chain management helps to ensure the right chemicals—manufactured by Thermo Scientific Chemicals or outsourced from our global supplier network—are accessible for your applications. Thereby consolidating your supply chain so your team can focus on other critical elements within your processes.

*Consider your sourcing strategy to help ensure the supply security of your most critical and large-volume chemicals.*

	 Good	 Better	 Best
	Single sourcing	Secondary sourcing	Multi-sourcing
Number of sources per chemical	1	2	3 +
Reliability of supply	Weak	Medium	Strong
Risk of production delay	High	Medium	Low



Safeguard timelines with more than one source of your critical chemicals

# Research chemicals & services

## Bulk chemical services for non-GMP

Looking to scale up? Looking to simplify the process by using high-quality chemicals? Looking to adapt packaging to scale?

With our extensive portfolio of chemicals, we offer comprehensive solutions for all your chemical needs. Whether you are engaged in initial research or scaling up to full production, we can customize products exclusively for you.

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



## Returnable drums and containers

If you are routinely using more than 4 L of solvents and blends, then it might be time to learn more about our returnable drums service.

Returnable drums and containers are an ideal choice for handling larger quantities of high purity solvents and blends. Re-usable, stainless steel drums with a closed system can help reduce the amount of solid waste generated, and can prevent the release of flammable or toxic vapors into the air.

### Ensure your product purity

- Returnable drums – protect chemical from external environmental
- Moisture sensitive – keep solvents and blends with low water content
- Low interactions with the inert packaging – maintaining product purity

### A safer way to manage and work with solvents and blends

- Returnable drums and containers are made from high quality stainless steel, which means that there is no risk of breakage compared to a glass bottle
- Flammable or toxic solvent liquids and vapors are not released into the surrounding air



## Less waste and less disposal costs

Our returnable drum system can help reduce the amount of liquid waste generated in your laboratory, thereby reducing environmental impact.

- **A reusable 200 L returnable drum replaces fifty 4 L bottles and associated packing materials. Almost 200 lbs of glass and cardboard are eliminated by each 200 L returnable drum system – helping to support you meet your corporate sustainability goals**
- **Empty returnable drums are cleaned, maintained and refilled by Thermo Fisher Scientific – saving you time and money**

Our returnable drums are available in 19 to 1,350 L sizes.

## Custom chemicals service for non-GMP

The chemical or reagent itself is only a part of the total package. If your needs differ to our catalog product offerings why not take advantage of our custom chemicals service.

Custom Chemicals Service			
Custom blends and synthesis	Custom specifications	Custom labels	Custom packaging & pack size
Save time and get better product consistency by letting us prepare your custom-made chemicals at our facilities.	Take advantage of our extensive chemical services to define and meet your unique specifications.	Use our labeling services to display the right product/batch details to enhance product identification for your laboratory.	Get the right product in the packaging material or size that you require.

We can facilitate your bulk and custom purchases through timely provision of necessary documentation such as:

- **Synthesis route**
- **Country of origin**
- **Details of the manufacturer**
- **Supplier qualification and audits**
- **Change control**
- **Document control**

As a global chemicals business, we operate a Quality and Environmental Management System which complies with the requirements of ISO 9001 and ISO 14001, ensuring that our products and services meet our customers' expectations.

## Custom blends and synthesis

Whether you're looking to synthesize complex organic building blocks, create custom solvent blends, optimize your synthesis, or develop a scalable route, we can provide the expertise and knowledge to support your project. Our extensive database of production methods for over 8,000 compounds has been developed through 50 years' experience in custom manufacturing.



## Custom packaging and labeling

Designed for safety, environmental protection, convenient handling and storage and preservation of product integrity while complying with all relevant regulations. Help improve handling, storage, and product integrity by receiving the exact material you want in the exact packaging you want.

In addition, our custom weighing service can provide you with products at a scale from nanogram to ton.

Scan the QR code to request more information  
about our custom and bulk chemical services.



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