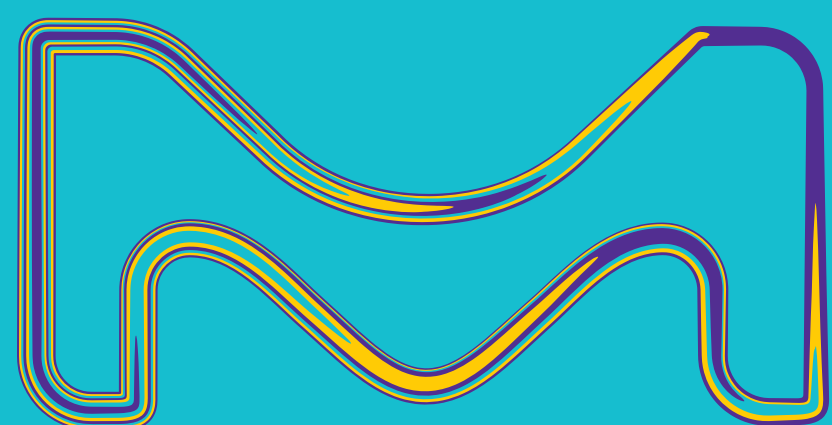


MERCK

Prepared for any “whether”

Solutions for
Medical Device Manufacturing



Sigma-Aldrich®
Lab & Production Materials

Millipore®
Preparation, Separation,
Filtration & Monitoring Products

Supelco®
Analytical Products

Milli-Q®
Lab Water Solutions



Merck has brought together the world's leading Life Science brands, so whatever your life science problem, you can benefit from our expert products and services.

Sigma-Aldrich®
Lab & Production Materials

The Sigma-Aldrich® portfolio of Merck offers a strong and ever-expanding offering of lab and production materials. Through our technical support and scientific partnerships, we help connect our customers with a whole world of progress.

Millipore®
Preparation, Separation,
Filtration & Monitoring Products

The Millipore® portfolio of Merck offers an ecosystem of industry-leading products and services, spanning preparation, separation, filtration and monitoring – all of which are deeply rooted in quality, reliability and timetested processes. Our proven products, regulatory and application expertise are a strong foundation you can rely on to consistently perform at the highest level.

Supelco®
Analytical Products

The Supelco® portfolio of analytical solutions of Merck is developed by analytical chemists for analytical chemists to ensure your results are accurate, precise and reproducible. Every product is meticulously quality-controlled to maintain the integrity of your testing protocols and, with our dedicated scientists, the expertise you need is always on hand.

Milli-Q®
Lab Water Solutions

The Milli-Q® portfolio of lab water solutions of Merck takes care of all your water quality and purity needs. Our solutions are backed by consistent quality and full compliance and work seamlessly together to let you focus on your vital work.



[Learn more](#)



[Learn more](#)



[Learn more](#)



[Learn more](#)





Prepared for any “whether”

Whether you want quality products and support for R&D, manufacturing, quality control—or all three—Merck is the source for Medical Device Manufacturers and their OEM or Contract Manufacturing partners.

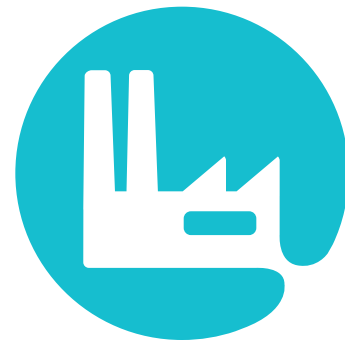
We are experienced in all three steps and seamlessly connect them—for example, having product availability discussions early in the R&D process to ensure an ample supply is available for manufacturing.



Your Workflow Solution



STEP 1:
R&D



STEP 2:
MANUFACTURING



STEP 3:
QC

Connecting these steps is critical, as the need to manage risk has never been greater: processes are becoming more complex. Stringent regulations require you to operate within a thin margin of tolerance. Regaining and maintaining supply chain stability remains an ongoing concern in a post-pandemic world.

We help you manage risks, so you can focus more on your core business. Together, we will accelerate commercialization and keep your manufacturing facilities running—while helping ensure regulatory compliance throughout.

This is innovation in action: ours supporting yours—with the goal of improving healthcare for all.

The advantages of actively managing risk

- A sound risk management strategy can help avoid harm to patients and your reputation alike. Plus, help prevent negative regulatory findings, operational disruptions, higher costs and loss of business.
- The quality of the relationships you choose is as important as the quality of the products you rely on.
- That is why leading manufacturers partner with us to help mitigate risk.



Read our whitepaper on
Medical Device Biochemical Reagents and
Formulation Services





The advantages of
actively managing risk

More than just-in-case

We have the global sourcing and in-house manufacturing capabilities to meet your needs. So you will have what you need most: *supply security in an everchanging landscape.*

Start with our ISO 13485 manufacturing sites (11 total), plus global warehousing and distribution. Then add a carefully vetted selection of high-quality suppliers — managed by procurement best practices that always put your needs first.

To create even more value, our **sustainability strategy** helps us be more efficient, create less waste, save you time and lower costs. It is all from a global leader in life science technology — with a legacy that spans centuries and a reputation for innovation and consistent, reliable results.



Succeeding in a post-pandemic world

As healthcare moves from just-in-time to just-in-case, we support the inventory levels you need to keep your R&D innovating, manufacturing humming and quality controls in compliance.

Raw Materials for Innovation:



Monomers

- Acrylates
- Methacrylates



Polymers

- Biodegradable Polymers
- Block Copolymers
- PEGs & PEOs



Polymerization tools

- Crosslinkers
- Initiators
- UV stabilizers



Nanopowders



Metals, Salts, Oxides, Ceramics

Clicking on links will take you the corresponding Sigma-Aldrich.com landing pages for more information.





Cover your quality concerns

Quality is more than a regulatory need alone.

It is the key to your reputation, as you develop and manufacture the best products for patient care.

To support your quality needs, we start by performing quality tests in-house, vs. relying on data from product sources alone. Then, the **M-Clarity™** Program assigns a quality level to each product. So you can choose the right ones to help you move smoothly through development and manufacturing—all while complying with regulatory and documentation requirements.

The quality of partnership is just as important as the quality of our products. We are here for you, helping you make the most of our global resources to ensure a quality experience every time.



Products to Support the R&D Workflow



Workflow Steps



STEP 1:
R&D



STEP 2:
MANUFACTURING



STEP 3:
QC



3D Bioprinting



Biomedical Polymers



Greener Alternative Products



Hydrophilic Polymers



Lab Chemicals



Polyethylene Glycol
(PEGs and PEOs)



Polymerization Tools

Clicking on links will take you the corresponding Sigma-Aldrich.com landing pages for more information.



Products to Support the Manufacturing Workflow



STEP 1:
R&D



STEP 2:
MANUFACTURING



STEP 3:
QC



Biological Buffers



Biomedical Polymers



Bulk and Custom Services



Contract Manufacturing
for IVD, Medical Device,
and Biologicals



Greener Alternative
Products



High-Purity Salts



Hydrophobic Polymers



Polyethylene Glycol
(PEGs and PEOs)








Polymerization Tools

Clicking on links will take you the corresponding Sigma-Aldrich.com landing pages for more information.







Products to Support the QC Workflow

Analytical Testing

-  [Chromatography](#)
-  [Labware](#)
-  [Reagents](#)
-  [Reference Materials](#)
-  [Sample Preparation](#)

Microbial Testing

-  [Microbial Filtration](#)
-  [Microbial Identification Tests & Biochemical Reagents](#)
-  [Pyrogen Testing](#)
-  [Sterility Testing Consumables, Media & Instruments](#)

 [Water Purification](#)



Clicking on links will take you the corresponding Sigma-Aldrich.com landing pages for more information.





Your partner for new possibilities

Many manufacturers tell us they want more than an order taker.

They want a partner to help them navigate a complex world: securing a steady supply of the right quality products, ordering with ease and offering guidance when needed—all while meeting regulatory and documentation requirements.

You will find the perfect partner here. Your Merck representative is an extensively trained specialist who is your single point of contact for what you need.

Here, there are no one-size-fits-all solutions. Your needs are yours alone. While we offer 300,000+ products, we are expert at custom solutions as well—for example, adding new product specifications, providing higher levels of purity or tailoring packaging/unit sizes.

We will deliver precisely what you need to advance the science—and the promise—of healthcare.



Time to start the conversation

Open communication is essential to mitigating risk. Your Merck representative is here to understand your current and future needs from R&D to manufacturing to quality control.

Then connect you with the right solutions to help you succeed, leveraging specialty teams as needed across our global enterprise.

The more you innovate, the more we will be ready to help you succeed.



Start the conversation at SigmaAldrich.com/med-device





Risk Mitigation



M-Clarity™ Program



Supply Excellence



Quality Services



Tissue Engineering



Bulk and Custom Services



Contact Lens &
Dental Manufacturing



Ophthalmic Applications

**The Life Science business of Merck operates as
MilliporeSigma in the U.S. and Canada.**

© 2024 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. Merck and the vibrant M are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources. MK_BR1931EN 56833 09/2024

