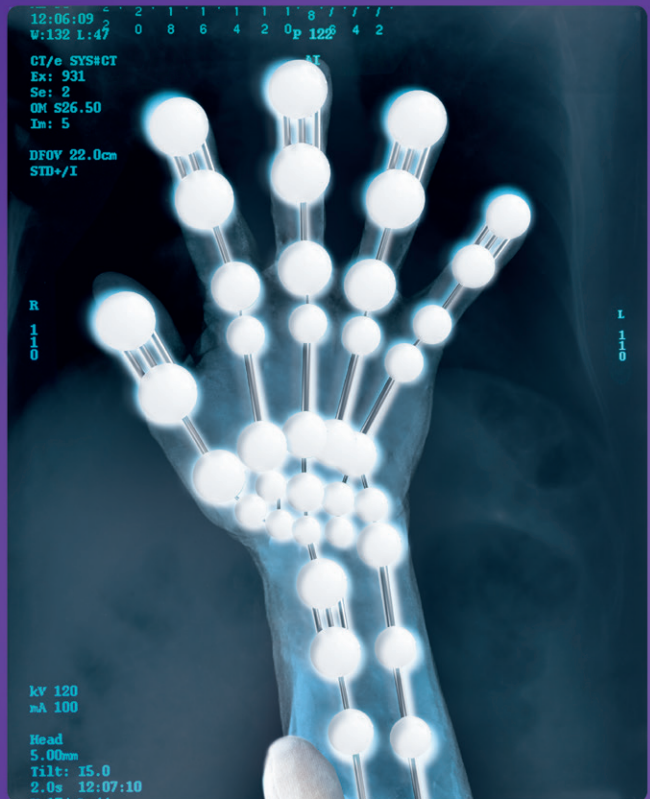


MERCK

LET'S CREATE THE BETTER. TOGETHER.

SAFE SOLUTIONS FOR MEDICAL MATERIALS.



The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

WE ARE A LEADER IN LIFE SCIENCE

The Life Science business of Merck brings together the world-class products and services, innovative capabilities, and exceptional talent of Merck Millipore and Sigma-Aldrich, to create a global leader in the life science industry. We operate as "Merck".

- We solve the toughest problems in the industry by collaborating with the global scientific community.
- We provide scientists with best-in-class lab materials, technologies and services.
- We can streamline your method development and productivity efficiently.

We Can Make Your Life Straightforward and Help You with Risk Management and Regulatory Due Diligence:

- Products and services following the latest regulations to ensure compliance.
- Resources to meet your exact needs—customer-specific solutions.
- Warehouse and supply chain management with a one-stop shop for prompt delivery and local support.
- Support with applications and methods including value-added services.

We are More than Just a Distributor

- We are the manufacturer of most of the products we offer.
- You can be confident that quality and service are both as important to us as they are to you.

Get the results as expected each and every time with our expanded offering

OUR STRENGTHS

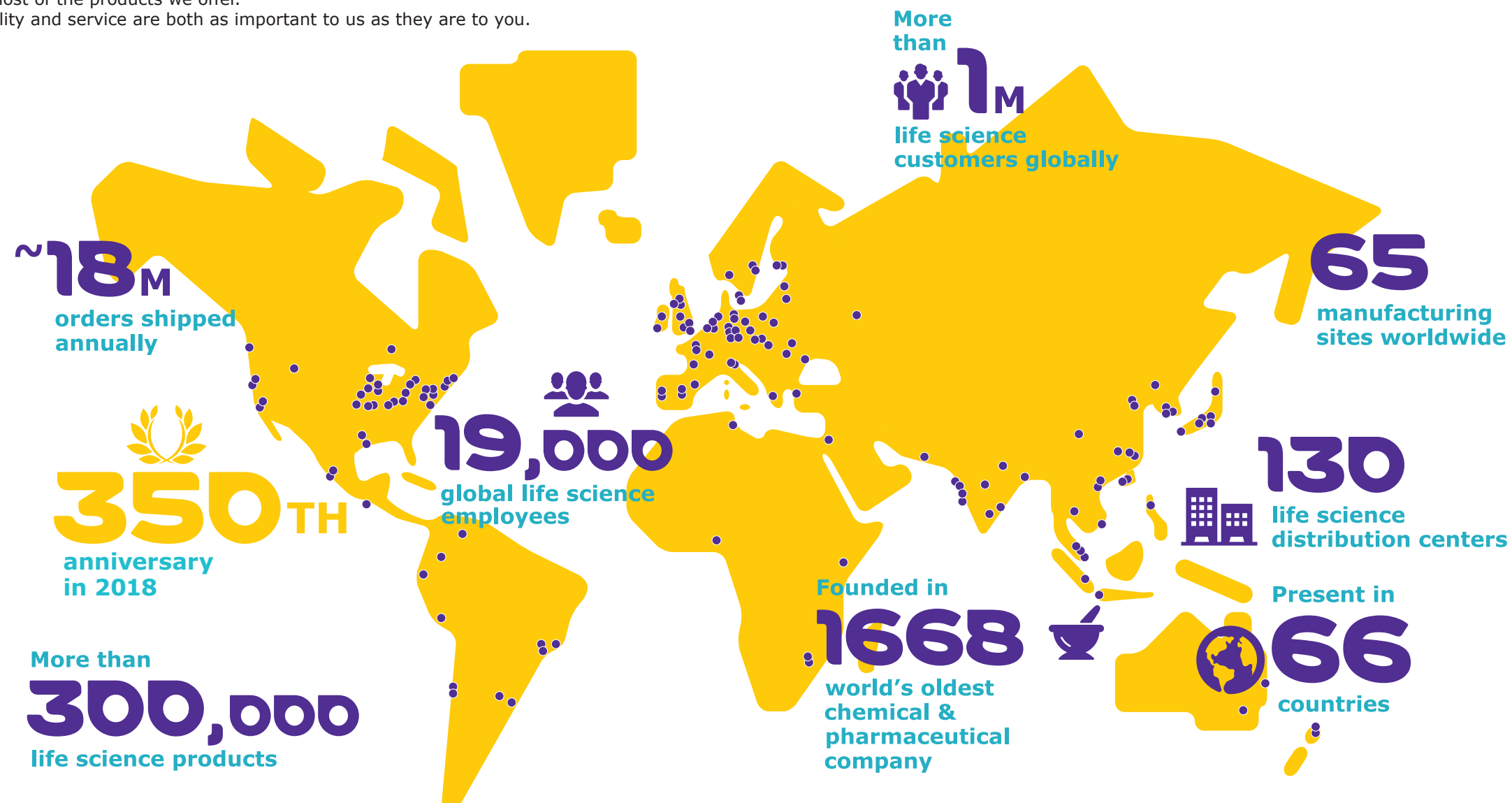
- Compliant manufacturing sites
- Breadth and value of portfolio with a complete workflow offer
- Global footprint
- Supply chain capabilities for reliable delivery, one-stop shop
- Widespread delivery capabilities from third party distributors

OUR KNOW-HOW

- Active product innovation and strong R&D
- Quality and regulatory compliance with complete safety solutions
- Technical and regulatory expertise - certifications (ISO 13485, cGMP, FSSC 22000 etc.)
- Data traceability and result reliability

OUR ASSETS

- Reference materials and proficiency testing portfolio
- 24/7 technical support skills and best-in-class customer service
- Consistency and reliability across geographies





WORKFLOW: MEDICAL MATERIALS

LET'S CREATE THE NEXT ELEMENTS FOR MEDICAL MATERIALS. TOGETHER.

2

RAW MATERIAL TESTING

Sample preparation

- Millex® syringe filtration
- SPE, SPME
- Lab water systems

Analysis

- CRMs & analytical standards
- ICP & AA standards
- Aquastar® Karl Fischer reagents
- GC capillary columns, UHPLC & HPLC columns etc.



3

SERVICES

Microbiological services method development:

- Method determination
- Method validation
- IQ, OQ, PQ testing



4

IN PROCESS TESTING

Bioburden

- Membrane filtration
- Milliflex® system & EZ-family
- Ready-to-use culture media

Environmental Monitoring

- MAS-100® air monitoring system and settle plates
- Surface Monitoring**
- ICR contact plates & swabs



1

FIT FOR PURPOSE RAW MATERIALS

Monomers

- Acrylamides
- Building Blocks
- Silanes
- Standard & customized
- Scalable, bulk

PEGs

Crosslinkers

Initiators

- UV Stabilizers, dyes
- Metals, salts, oxides, ceramics
- Nanopowders
- Solvents, acids, buffers



5

FINAL PRODUCT TESTING & RELEASE

Sterility testing (acc. to USP & EP)

Endotoxins testing

Polymer I.D

- By IR, LC-MS – solvents / columns

Residual ethylene oxide testing

(acc. to ISO 10993-7)

Leachable & extractables

(acc. to ISO 10993-17)

Sample Preparation

- Millex® syringe filtration
- SPE, SPME
- Lab water systems

Analysis

- CRMs & analytical standards
- ICP & AA
- Aquastar® Karl Fischer reagents
- GC capillary columns, UHPLC & HPLC columns etc.



PARTNERING WITH US REDUCES TOTAL COST OF OWNERSHIP AND MITIGATES SUPPLY CHAIN RISK.

- Forecasting
- Procurement / e-commerce
- Manufacturing / off-the-shelf
- Packaging flexibility
- Shipping
- Tracking & traceability

Our global supply chain is designed to meet the highest quality service levels across your organization. From forecasting, to inventory and distribution planning, our advanced ordering process and resources are customized to anticipate and meet your business needs.

We have developed a full range of e-commerce services designed to enable greater spend control for your procurement staff, and provide your researchers with ease of access to the products they've come to rely on.

If you're looking to reduce inventory, automate payments, increase procurement fiscal control, and/or reduce costs—we can tailor a convenient and cost saving e-solution to fit your needs.

Discover how our website is making it easier for you to stay productive and conduct your daily activities in a more efficient manner.

SigmaAldrich.com/united-states/ordering/e-Commerce-Solutions



WHAT IF TRUST DIDN'T NEED TO BE QUESTIONED?

LET'S CREATE A RELIABLE AND SECURE
SUPPLY CHAIN. TOGETHER.

**View additional product information, applications,
real-time availability, ordering and contact information
at [SigmaAldrich.com](https://www.sigmaaldrich.com)**

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