

Biopharma Solutions

Enhancing your bioprocess with high-quality ingredients
and application support



Your reliable partner in biopharma

Evonik goes beyond the boundaries of chemistry with its combination of innovative strength and leading technological expertise. The common motivation of the approximately 32,000 employees: to provide customers with a decisive competitive advantage thanks to high-impact products and services.

At Evonik Health Care, we support the world's leading life science companies from early development to commercial manufacturing. Our proven ability to meet the demands for efficiency, consistency and scalability in biopharmaceutical manufacturing stems from deep technical expertise, complemented by advanced R&D and state-of-the-art manufacturing capabilities.

Biopharmaceutical companies from around the world rely on our broad portfolio of high-quality ingredients and value-adding services to develop life-saving biologics such as therapeutic proteins, vaccines and cell and gene therapies. You can count on us for consistently high quality from gram to metric ton scale, from lab bench to commercial production.

Along with products, we deliver the peace of mind that comes from working with a reliable partner having trusted technical support and sales offices near you, wherever you are in the world. Regardless of your production requirements, we are ready to serve as a strong and dependable partner to help you reduce risk, improve robustness and boost productivity.

Quality as a foundation for high performance

As small differences in raw material quality can have a major impact on cell cultivation or biologics formulation, Evonik combines decades-long experience in the manufacture of pharma-grade material with strong expertise in biotechnology to provide high-quality ingredients for efficient biomanufacturing.

Our approach to ensuring consistent quality and superior product purity meets the strictest regulatory standards, guarantees reproducibility and allows a smooth transfer from development stages to commercial biomanufacturing for regulated clinical applications.

INNOVATIVE SOLUTIONS FOR HIGH-PERFORMANCE BIOMANUFACTURING

High-quality specialty ingredients:

Broad range of ingredients addressing key challenges in cell culture media optimization, bioprocessing and biologics formulation

Media formulation and application support:

Strong technical expertise across chemistry, biotechnology and formulation development – at your disposal

All products are animal-origin free and readily available at commercial scale.

Spice up your bioprocess with the finest ingredients

cQrex® ingredients

Overcome amino acids limitations in media formulation with the chemically defined cQrex® ingredients:

- Intensify and simplify your cell culture processes by meeting the stability and solubility challenges
- Increase your productivity with our performance-enhancing solutions.

Glutamine peptides

Limit detrimental by-products and improve cell-specific productivity thanks to a stabilized form of glutamine

Tyrosine peptides

Solubilize up to 60 times more tyrosine in a feed at neutral pH than with the free amino acid

Cystine peptides

Enhance the cell viability and productivity by relying on a highly soluble form of cystine

Antioxidants

Protect cells against oxidative stress to enhance their viability and growth

Amino acids

Discover our wide range of non-animal-derived amino acids and salts:

- Rely on our pharmaceutical-grade products which meet stringent quality and regulatory requirements
- Enhance your cell culture media formulation with highly pure ingredients.

Carbohydrates

Leverage a higher flexibility in mammalian cell culture:

- Tailor the energy supply by using other carbohydrates than D-Glucose
- Optimize the glycosylation profile of therapeutic proteins.

Lipids

Supplement your cell culture medium with PhytoChol® BioPharma:

- Use synthetic cholesterol with consistent quality instead of animal-based substances
- Improve cell growth and boost the production of biopharmaceuticals.

Surfactants

Ensure the highest purity in biopharmaceutical manufacturing and formulations with MaxiPure® Polysorbate 80:

- Benefit from a non-ionic surfactant with superior purity and exceptional clarity
- Ensure protein stability, viral inactivation and solubilization of hydrophobic APIs

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