

# The power of specialty excipients

Drug formulation is a complex process, and finding the right excipient can be the difference between the success and failure of a new drug product.

Our high-quality specialty excipient portfolio – including GMP-compliant vitamins and vitamin derivatives, as well as flavors and taste modulators – can provide solutions to help overcome even the most difficult formulation challenges. Our ingredients can support both small molecules and biologic products, backed by extensive regulatory and technical know-how. From improving the functionality of products to optimizing taste profiles for better patient compliance, we help our customers formulate with success.

## Uncovering opportunities

### Small molecules

Specialty excipients, including vitamins and vitamin derivatives, can improve the profile of small molecule drug products, including enhancing active pharmaceutical ingredient (API) stability and improving overall formulation performance. Our antioxidants can also help to support nitrosamine risk mitigation strategies, as recommended by the US Food and Drug Administration (FDA).

### Biologics

Our excipients can support the formulation of biologics, including acting as stabilizers, viscosity reducers, adjuvants for vaccines, and nutrients in biopharmaceutical cell cultures. As this field continues to grow, including with the development of advanced therapy medicinal products, our team of scientists continues to uncover new applications for our portfolio.

### Taste solutions

We offer a wide portfolio of flavor tonalities and cutting-edge taste modulation capabilities for solid and liquid dosage forms, backed by a full understanding of the regulatory compliance needed for pharmaceutical products. From enhanced sensory profiles for pediatric medicines to bitterness maskers, our solutions can help improve patient convenience and therapy compliance.

Scan the QR code and learn how we can help overcome your formulation challenges with our specialty excipients portfolio.



Partner with dsm-firmenich – and bring progress to life.

## Why dsm-firmenich?

### Innovation delivered by experts

Our range of specialty excipients, flavor tonalities and taste modulators are backed by over 80 years of expertise in scientific discovery and innovation. With extensive regulatory and technical know-how, we help our customers to find the right solution for the development of safe and effective drug formulations. Through our **customized solutions**, we are ready to create successful formulations together.

### Through partnership and collaboration

We work closely with our customers to enable drug products to reach their full potential. Our comprehensive product portfolio is supported by **expert services** – covering innovation/R&D, application & technical services, insights & marketing, as well as quality & regulatory expertise – to enhance the performance of drug product formulations, enter the market with confidence and expand into new geographies.

### With quality and reliability

All our products are manufactured at our GMP-certified facilities, strategically located around the world to provide reliable, secure and consistent supply. We meet the highest GDP standards for safety, compliance and sustainability across our global network, minimizing disruption risks and supporting your drug pipeline. Our global regulatory expertise and stringent quality policies mean that we can supply both **high quality products** and the supporting documentation, that is essential in the pharmaceutical environment.

### For a sustainable future

Awarded an EcoVadis Platinum certification, **sustainability** is embedded in our culture. Our unique ImpAct Card™ program transparently communicates the environmental impact on an ingredient level, including the calculated carbon and water footprints, renewable energy usage, traceability, certifications and social impact. By enforcing responsible, ethical operating practices and through our in-house life cycle assessment expertise, we help our customers to achieve their own sustainability goals.

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