

Partner with dsm-firmenich

Discover viable strategies
to mitigate nitrosamine
risk in drug products

We understand that navigating nitrosamine risk mitigation is an unprecedented challenge for the pharmaceutical industry. That's why we're here to help you secure the most suitable mitigation strategy for your new or existing drug product.

We are more than an active pharmaceutical ingredient supplier.

We are a science-based, innovation partner to the pharmaceutical industry.

Learn how we can assist you with high-quality ingredients, customized solutions and expert services – tailored to your individual portfolio.



High-quality
ingredients



Customized
solutions



Expert
services

dsm-firmenich

Discover the power of antioxidants

Using antioxidants as excipients is a scientifically proven strategy to effectively mitigate nitrosamine formation.^{1,2}

- ✓ Effectively inhibit nitrosamine formation
- ✓ Synergistic benefits
- ✓ API stabilization
- ✓ Suitable for various delivery systems
- ✓ GMP-certified

Advanced expert services

1 Nitrosamine risk assessment

We can help you to determine whether your drug product is susceptible to nitrosamine contamination.

2 Superior formulation and application expertise

We can support you with our analytical services, chemistry expertise, and cutting-edge technologies to effectively mitigate nitrosamine risk in various drug formats.

3 Science-backed ingredients

Our high quality, pharma grade antioxidant excipients are a trusted, safe and reliable solution for nitrosamine mitigation, backed by our propriety findings.

4 Regulatory know-how

Thanks to our unmatched regulatory expertise, we have the ability to manage market entry registration processes worldwide and assist you through the necessary legislations.

5 Commitment to innovation

We're dedicated to developing robust science in the pharmaceutical industry to power the market forward. That's why we conducted trials to evaluate the impact of ascorbic acid and alpha-tocopherol in mitigating nitrosamine formation.

Together, we can help you overcome critical formulation challenges in the pharmaceutical space.

Connect with us today to get started

1. Nanda KK, et al. Inhibition of N-Nitrosamine Formation in Drug Products: A Model Study. J Pharm Sci. 110(12):3773-3775 (2021).

2. Homšak M, et al. Assessment of a Diverse Array of Nitrite Scavengers in Solution and Solid State: A Study of Inhibitory Effect on the Formation of Alkyl-Aryl and Dialkyl N-Nitrosamine Derivatives. Processes. 10(11):2428 (2022).