



Functional ingredients with improved performance

Discover the power of our functional ingredients for improved performance in your products. Our high-quality ingredients will elevate the efficiency and quality of your manufacturing process.

Mineral fortification for health support

Experience the benefits of Jungbunzlauer's highly bioavailable mineral salts. Derived from organic sources such as citric, gluconic, or lactic acid, our mineral salts provide essential nutrients like calcium, magnesium, potassium and zinc. These minerals support hydration, immunity, fatigue reduction, and heart health. Our minerals offer numerous advantages for your health concepts.

- High soluble mineral salts with low taste impact
- Organic salts for better absorption
- Approved health claims allow promotion of health benefits



Modified minerals for optimal performance

By modifications on our mineral salts, we obtain different granulations to ensure optimal properties and processability for every application.

Direct compressible and high-density grades allow the effective production of tablets and capsules for instance.

- Excellent compressibility
- Good flowability and low in dust
- Higher mineral dosage, where size matters
- Enhanced disintegration time of tablets

Agglomerated Xanthan Gum

Xanthan gum is a bio-based hydrocolloid that helps to stabilise suspensions and prevent the sedimentation of non-soluble ingredients and to texturise products with minimal impact on mouthfeel.

However, hydrocolloids are demanding in processing, as they tend to form lumps at low shear rates. With our agglomerated xanthan grades, we offer a toolbox to overcome respective issues and improve the processability.

- Enhanced dispersibility at low shear rates
- Good viscosity build-up without lump formation
- Agglomerated xanthan gum blends for special applications



Effervescent systems

Effervescent systems typically comprise citric acid and sodium bicarbonate. They can be particularly challenging to formulate due to their sensitivity to moisture and poor compressibility.

Jungbunzlauer offers a toolbox of ingredients to address common issues in effervescent products.

- Citric Acid DC for improved compressibility
- CITROCOAT® N and CITROCOAT® N PRO for enhanced storage stability
- CITROCOAT® EP is an agglomerated effervescent compound combining excellent storage stability & compressibility

Application examples

- Granulated minerals (GN) for direct compression formulations
- CITROCOAT® EP for beverage effervescent tabs
- High density tricalcium citrate for capsules and tablets
- Mineral fortified cold brew tea bags and powdered drinks



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The information contained herein is meant to demonstrate how our products can be used. This formulation has been subjected to limited stability tests and has been shown to perform well. The given data are suggestions without any guarantee aimed to support customers' development.