

## Chewable formulations for dietary supplements

Formulating for gummies and jellies

Jungbunzlauer supports the development of high-performance chewable supplements with a focused portfolio of organic mineral salts and functional excipients, designed to deliver bioavailability, stability, and great sensory experience.

### Why chewables?

Chewable dosage forms such as gummies and jellies are among the fastest-growing supplement formats. They combine high consumer acceptance, easy intake without water, and excellent opportunities for differentiation through taste, texture, and functional benefits.



## Benefits at a glance

### High consumer appeal

- Pleasant taste and mouthfeel
- Easy and convenient intake
- Ideal for all age groups

### Nutritional and health claims

- Suitable mineral sources for EU and US supplement regulations
- Enables to use nutritional and/or health claims

### High bioavailability

- Fully reacted organic mineral salts
- Citrates support efficient absorption

### No off-taste or gritty mouthfeel

- Neutral to mild taste profiles, even at higher dosages
- Micronised grades ensure smooth texture without sandiness

### Easy to process

- High mineral loading possible
- Reliable performance in gelatin- and pectin-based gummies

## What sets us apart

### From ingredients to solutions

Jungbunzlauer combines more than 150 years of fermentation expertise with deep application know-how in chewable formulations.

### Designed to perform

Our ingredients deliver reliable performance across different chewable formats, supporting formulation stability, processing robustness, and consistent product quality.

### Naturally derived and sustainable

Produced via fermentation from renewable raw materials, our solutions are naturally derived, biodegradable, and aligned with modern sustainability expectations.

### One trusted partner

A focused yet comprehensive portfolio of minerals and functional excipients; designed to work seamlessly together in chewable supplements.

# Jungbunzlauer ingredients in chewable formulations

## Active ingredients – mineral fortification

These organic mineral salts support high bioavailability, low taste impact, and excellent processability in chewable dosage forms.

- Tricalcium Citrate
- Trimagnesium Citrate Anhydrous
- Trimagnesium Citrate Nonahydrate
- Zinc Citrate

## Functional excipients

### Thickening and stabilisation

Enable precise control of texture, gel strength, elasticity, moisture retention, and suspension of actives.

- Xanthan Gum
- TayaGel® LA (Gellan Gum)

### Sweetening

Allows calorie reduction and sugar-free concepts with a clean, sugar-like taste, zero glycaemic impact, and tooth-friendly properties.

- ERYLITE® (Erythritol)

### Acidification and pH control

Supports flavour balance, pH stability, shelf life, and sugar inversion control in gummies and jellies.

- Citric Acid
- Lactic Acid
- Trisodium Citrate
- Tripotassium Citrate



Scan to read the regulatory information



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