

# Jungbunzlauer

## Magnesium Bisglycinate

Highly bioavailable. Fully chelated.  
Trusted by formulators.

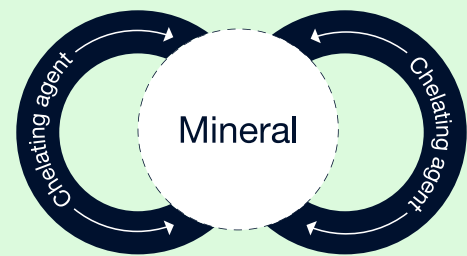


Magnesium supplements are a rapidly growing segment of the nutritional market, driven by strong consumer demand for solutions targeting stress, sleep, and muscle recovery.

Standing out as today's go-to choice is magnesium bisglycinate.

Magnesium bisglycinate is a fully reacted magnesium salt that offers high bioavailability and excellent properties for use in solid supplement forms, such as capsules.

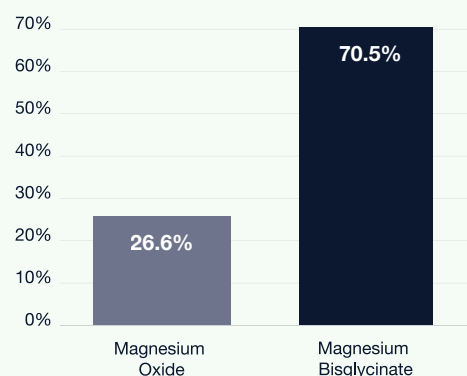
With a magnesium content of 11.7%, it delivers a potent dose in a compact format. Thanks to its chelating properties, glycine shields the magnesium ion from absorption inhibitors, making it significantly more bioavailable than inorganic forms. This makes it the preferred choice for high-performance magnesium supplement tablets and capsules.



### Bioavailability of magnesium bisglycinate

- *In vitro* study: comparison of the bioavailability of different magnesium salts during upper gastrointestinal passage
- Cooperation with ProDigest Belgium, using the *in vitro* gastrointestinal model SHIME®
- Magnesium bisglycinate demonstrated significantly higher bioavailability than magnesium oxide, indicating superior absorption by the body

*In vitro* bioavailability study



### Tablets & capsules with magnesium bisglycinate



**High magnesium load possible:**

120 mg magnesium in 00 capsule,  
120 mg magnesium in 1.2 g tablet



**Strong and stable tablets:**

High tensile strength and no friability



**Easy processing:**

Good flowability and compressibility  
of magnesium bisglycinate

# Why choose Jungbunzlauer's magnesium bisglycinate?



**Fully chelated**



**Superior  
bioavailability**



**Rapid dissolution  
speed**



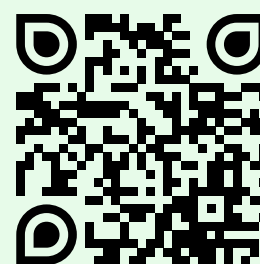
**Free flowing  
powder**



**High bulk and  
tapped density**



**Low  
hygroscopicity**



Discover more about  
our nutrition solutions

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