Food & Beverages

Make more possible with *Natural Betaine*

For plant-based functionality in modern nutrition

DuraBeet® is AGRANA's natural betaine, also known as trimethylglycine (TMG). Derived from sugar beet and containing a minimum of 99% betaine, it is a high-purity ingredient for food, beverages and nutrition applications.

As a naturally occurring compound with important physiological functions, betaine offers new possibilities for modern nutrition concepts.

Made for your application

- dairy-based applications
- dietary supplements
- energy & sports drinks / gels
- functional bars
- functional beverages
- nutraceutical gummies

When your nutrition concept needs more

Scan the QR code to explore our natural betaine

Natural betaine for your nutrition concepts

Sports nutrition, functional beverages or food supplements: DuraBeet® brings natural origin and multifunctional properties to different nutrition applications.



DuraBeet® – Human nutrition: Natural, sugar-beet-derived betaine for food, beverage and nutrition applications

At a glance:
Raw materials: Sugar beet
Ingredient: natural betaine / TMG
Purity: min. 99%
Available options: GMO-free sugar beet | Plant-based
Water soluble | Heat stable | Kosher | Halal

More potential from a *natural ingredient*

Discover the multifunctional properties of DuraBeet®

Betaine serves two important physiological functions. As an osmolyte, it supports osmotic regulation and cellular protection. As a methyl donor, it participates in one-carbon metabolism, including the conversion of homocysteine to methionine.

With DuraBeet®, AGRANA combines natural sugar-beet origin with ingredient and application expertise to support the development of modern nutrition products.



What do you want to achieve?

→ **Support metabolic function**
Use betaine's role as a methyl donor in one-carbon metabolism, including the conversion of homocysteine to methionine, as a basis for functional nutrition concepts.

→ **Explore hydration-focused concepts**
Build on betaine's natural function as an osmolyte and its role in maintaining cellular fluid balance.

→ **Build on natural origin**
Choose naturally sourced betaine derived from sugar beet for plant-based nutrition concepts with a clear ingredient story.

→ **Create across nutrition formats**
From functional and sports beverages to gels, supplements, bars and gummies, DuraBeet® combines good solubility and processing stability with versatility across today's nutrition formats.

Why AGRANA for *betain?*

01

Expertise rooted in sugar beet
Benefit from AGRANA's experience in processing sugar beet and producing natural betaine.

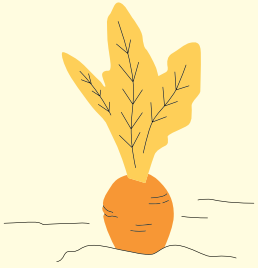
02

Backed by research
DuraBeet® has been investigated in a supplementation study examining physical performance, recovery and metabolic responses.

03

Application-focused support
Work with AGRANA to align betaine functionality with your formulation, processing and regulatory requirements.

Let's solve your nutrition challenge. Together.



Tell us what you want to develop. Discover DuraBeet® and connect with our experts.
Let's make more possible.

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