



# DuraBeet® PRODUCT DATA SHEET

## NATURAL CRYSTALLINE BETAINES AS BETAINES ANHYDROUS

### GENERAL DESCRIPTION

- Chemical Name: Trimethylglycine, 1-carboxy-N,N,N-trimethylmethanaminiumhydroxide, inner salt, glycine betaine
- Chemical Formula:  $C_5H_{11}NO_2$
- Crystalline betaine as betaine anhydrous is produced from GMO-free sugar beets (*Beta vulgaris*, roots).
- Appearance: white, free-flowing crystals
- Odour, taste: pure, specific with faint molasses odour.

### REGULATORY COMPLIANCE

- **EU:** the product complies with the current European and Austrian food law and is allowed as ingredient in food and food supplements (according to Annex to implementing Regulation (EU) 2017/2470).
- **GMO:** does not contain genetically modified organisms, and is not derived from GMO, VLOG certified
- **GRAS:** FEMA number 4223

### ANALYTICAL DATA

- Betaine content on d.s. (HPLC): min. 99,00 %
- Loss on drying (oven method): max. 2,00 % (when packed)

### MICROBIOLOGY

- Total plate count max. 100 cfu/g
- Yeast max. 100 cfu/g
- Mould max. 100 cfu/g
- Coliforms max. 10 cfu/g
- Salmonella negative/25 g

### FIELD OF APPLICATION

- Use in Food, according to implementing Regulation (EU) 2017/2470)
- Use as food supplement or ingredient in food supplements

### AGRANA Sales & Marketing GmbH

Reg. Office: Friedrich-Wilhelm-Raiffeisen-Platz 1, A-1020 Vienna  
Commercial Court Vienna, FN64061h, VAT: ATU16040004



### **DAILY INTAKE RECOMMENDATION**

- 400 mg/day and up to 2,5 g/day
- Please, be aware that the marketing and application of Betaine products in different application categories (such as maximum levels of betaine) must be adjusted to the rules of national markets.
- It should not be consumed together with other betaine-rich supplements.

### **PERMITTED HEALTH CLAIM for food supplements**

- Health claim "Betaine contributes to normal homocysteine metabolism" can be applied. If so the requirements of regulation (EU) 432/2012 must be observed.

### **STORAGE AND SHELF-LIFE**

If properly stored under dry conditions at room temperature in sealed original packages, protected from direct sunlight and humidity (max. 70 % relative humidity): 36 months from production date

### **INFORMATION ON STABILITY**

Betaine is heat stable up to 200°C / 390°F

### **PACKAGING**

- In 20 kg PE-bags

### **SAFETY INSTRUCTIONS**

Provide good ventilation to avoid formation of dust during handling. Due to the hygroscopic nature of the product, avoid prolonged contact with skin, eyes and mucous membranes. In case of accidental contact with skin or eyes, flush with water. For further information, please see the Material Safety Data Sheet.

### **CUSTOMS TARIFF NUMBER**

- 2923 900090

The above stated information is indicative only and no responsibility can be assumed. Recommendation is made to check suitability of our product by doing tests on your own.

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