



AGENAMALT 20.222 PRODUCT DATA SHEET

Maltodextrin DE 19, pharma grade

GENERAL DESCRIPTION

- AGENAMALT 20.222 is a spray-dried saccharification product.
- AGENAMALT 20.222 is a free-flowing, slightly hygroscopic powder that solves readily in water and consists of a special carbohydrate composition.
- AGENAMALT 20.222 corresponds to Pharm.Eur and USP.

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|---------------|----------------|
| • Appearance: | white powder |
| • Odour: | pure, specific |
| • Taste: | slightly sweet |

ANALYSIS DATA

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|----------------------------|---------------------------------------|
| • Dry substance: | 95.0 – 100.0 % |
| • pH-value: | 4.0 – 5.5 |
| • DE-value: | 17.0 – 20.0 % in d.s. (dry substance) |
| • Bulk density loose: | 450 – 600 g/l |
| • Sieve analysis > 0.5 mm: | ≤ 5.0 % |
| • Sulphate ash: | 0.2 % in d.s. |
| • SO ₂ : | ≤ 10 mg/kg |
| • Microbiology: | |
| Total plate count: | ≤ 1 000/g |
| Coliforms: | negative/g |
| E. coli: | negative/g |
| Yeasts: | ≤ 10/g |
| Moulds: | ≤ 10/g |
| Salmonella: | negative/250 g |



STORAGE AND MINIMUM SHELF-LIFE

- If properly stored under dry conditions (max. 70 % relative humidity): min. 60 months
- We recommend storing the product in its unopened packaging. Upon opening, use the product as quickly as possible.

PRODUCTION AND PACKAGING

Deliveries of AGENAMALT 20.222 can be realized from various AGRANA production sites.

Bags

- Wooden EURO pallet: multi-ply paper bags with PE-lining of 25 kg
(1 pallet = 30 bags = 750 kg)
- Wooden EURO pallet: multi-ply paper bags with PE-lining of 25 kg
(1 pallet = 24 bags = 600 kg)
- Plastic one-way pallet: multi-ply paper bags with PE-lining of 25 kg
(1 pallet = 15 bags = 375 kg)

Big Bag

- Big Bags on disposable, wooden pallets C1 IPPC (600 kg / 750 kg / 800 kg)

COUNTRY OF ORIGIN

- EU

CUSTOMS TARIFF NUMBER

- 1702 9050

SAFETY DATA SHEET

All food and feed products produced by AGRANA Stärke GmbH are products without any dangerous properties in respect to the chemical law. The issue of a safety data sheet is therefore not required according to EU regulation VO (EG) 1907/2006, Article 31. A safety data sheet would not provide any additional information to the product data sheet. All products are biodegradable and can be disposed in appropriate waste management facilities.

PROPERTIES AND APPLICATIONS

- carrier
- filler

ADDITIONAL INFORMATION

Please find additional information in our [General Information File](#).

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