

Technical Data Sheet

Version: 1.1 EN

Dextrose Monohydrat

Article number: D10239

General Information

Origin	Dextrose monohydrate is the crystallised form of glucose, which is obtained from starch as a sweet-tasting carbohydrate.
CAS Number	14431-43-7
EC Number	604-408-5
Molecular Formula	$C_6H_{12}O_6 \cdot H_2O$
Appearance	White crystalline powder
Packaging	25 kg bags and small containers
Shelf life	12 months
Applications	Use in food
Allergens	None of the 14 major allergens added or contained. Made from corn and/or wheat starch; gluten content is < 20 mg/kg. Therefore, no allergen labelling is required.
Compliance	FCC; CXS 212-1999; Council directive 2001/111/EC

Specification Values

Parameters	Value
Loss on drying	< 9.1% (w/w)
Specific rotation	52.6 – 53.2°
Dextrose equivalent	99.5 – 100.5% (w/w)
Ignition residue	< 0.1% (w/w)
SO ₂	< 10 mg/kg
Soluble starch	Complies with requirements
Chlorides	< 180 mg/kg
Arsenic	< 1 mg/kg
Lead	< 0.1 mg/kg
Total bacterial count	< 1000 CFU/g
Yeast count	< 10/g
Mould count	< 10/g

DistrEbutio GmbH
 Brookdeich 40
 D - 21029 Hamburg
 VAT ID.: DE
 317975177

Tel.: +49 (0)40 609 2387 - 60
 Fax.: +49 (0)40 609 2387 - 89
 Web.: distrebution.com
 Mail.: info@distrebution.com

Commerzbank AG:
 IBAN DE 73 2004 0000 0262 6539 00
 BIC COBADEFFXXX
 Haspa Hamburg:
 IBAN DE 97 2005 0550 1500 5186 40
 BIC HASPDEHHXXX

Managing Director:
 Benjamin Lindenau
 Commercial Register:
 Hamburg
 HRB 151065

E. coli	Not detectable in 1 g
Salmonella	Not detectable in 25 g

Sieve grain size fraction

Residue to 315 µm	< 7 %
Residue to 250 µm	< 25 %
Residue to 100 µm	> 10 %

Nutritional Values

	Average Values (per 100g / 100ml)
Energy (kJ)	1555
Energy (kcal)	365
Fat (g)	< 0.1
- Of which saturated fats (g)	0
Carbonhydrates (g)	91.5
- Of which sugars (g)	0
Fibre (g)	0
Protein (g)	< 0.1
Salt (g)	0.00113

Additional Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

DistrEbuton GmbH Brookdeich 40 D - 21029 Hamburg VAT ID.: DE 317975177	Tel.: +49 (0)40 609 2387 - 60 Fax.: +49 (0)40 609 2387 - 89 Web.: distrebution.com Mail.: info@distrebution.com	Commerzbank AG: IBAN DE 73 2004 0000 0262 6539 00 BIC COBADEFFXXX Haspa Hamburg: IBAN DE 97 2005 0550 1500 5186 40 BIC HASPDEHHXXX	Managing Director: Benjamin Lindenau Commercial Register: Hamburg HRB 151065
--	---	---	--