

Product Datasheet

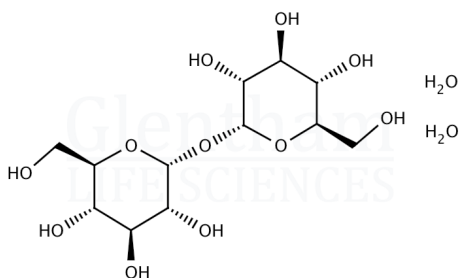
GC7900 - D-(+)-Trehalose dihydrate

Product Details

Product Name	D-(+)-Trehalose dihydrate
Glentham Code	GC7900
CAS Number	6138-23-4
EINECS	202-739-6
MDL Number	MFCD00071594
Additional CAS	99-20-7 (anhydrous)
PubChem SID	310281106
Related Categories	Carbohydrates, Core Carbohydrates, Biochemicals, Oligosaccharides

Structure

Molecular Weight	: 378.33
Molecular Formula	: $C_{12}H_{22}O_{11} \cdot 2H_2O$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	: White to almost white crystalline powder
Loss on Drying	: ≤ 1.5% (60°C, 5h)
Water	: ≤ 11.0%
pH (30% solution)	: 4.5 - 6.5
Colour of Solution	: ≤ 0.100
Turbidity	: ≤ 0.050
Residue on Ignition	: ≤ 0.05%
Heavy Metals (as Pb)	: ≤ 1ppm
Lead (Pb)	: ≤ 0.1ppm
Arsenic (As ₂ O ₃)	: ≤ 1ppm
Assay	: ≥ 98.0% (Trehalose, dry basis)
Total Aerobic Microbial Count	: ≤ 300CFU/g
Total Coliforms	: None detected
Total Combined Yeast and Mould Count	: ≤ 100CFU/g
Version	: v1.0

About D-(+)-Trehalose dihydrate

No further details on record.

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