

Product Datasheet

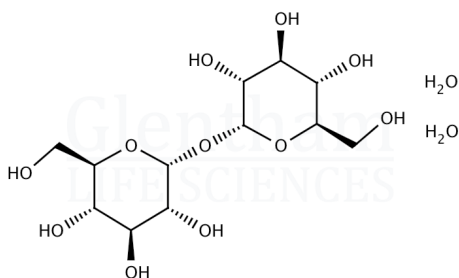
GC7900 - D-(+)-Trehalose dihydrate

Product Details

Product Name	D-(+)-Trehalose dihydrate
Glenthams 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	: $C_{12}H_{22}O_{11} \cdot 2H_2O$



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

About D-(+)-Trehalose dihydrate

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glenthams Product Specification

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