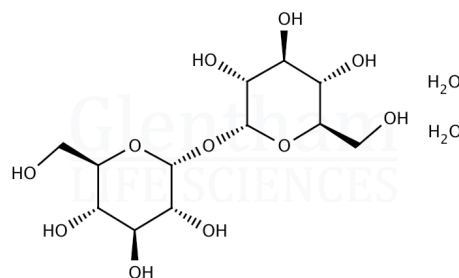


Product Specification

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
Molecular Weight	378.33
Molecular Formula	$C_{12}H_{22}O_{11} \cdot 2H_2O$
Storage Temp.	+20°C



Property	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

Specification Version	-	v1.0
Date Created	-	2013-11-26

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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