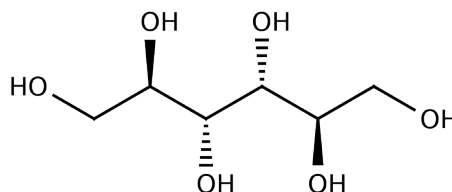


Product Specification

Product Name : D-Mannitol, EP, USP grade
Glentham Code : GC1282
CAS Number : 69-65-8
EINECS : 200-711-8
MDL Number : MFCD00064287
PubChem SID : 310276023



Molecular Weight : 182.17
Molecular Formula : C₆H₁₄O₆
Storage Temp. : +20°C

Property	Specification
Physical Description	White crystalline powder
Identification	To pass EP, USP tests
Melting Point	165 - 170 °C
Chloride	≤ 70ppm
Sulphate	≤ 100ppm
Specific Optical Rotation	137.0 - 145.0 °
Acidity	≤ 0.30ml
Loss on Drying	≤ 0.3%
Reducing Sugars	To pass EP, USP tests
Related Substances	Impurity A, B, C: ≤ 2.0% (each) Any Unspecified Impurity: ≤ 1.0% Total Impurities: ≤ 2.0%
Sorbitol	≤ 1.5%
Nickel (Ni)	≤ 1ppm
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 0.5ppm
Assay	98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	EP, USP

Specification Version : v1.0
Date Created : 2015-03-05

Product Specification

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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