

Technical Information

D-Mannitol

Meets USP 41-NF 36, EP 9.0, JP and BP 2016 testing specifications

Product Code:TC1513M

Product Information

Product Code	: TC1513M
Product Name	: D-Mannitol Meets USP 41-NF 36, EP 9.0, JP and BP 2016 testing specifications
Synonyms	: Mannite
Molecular Formula	: C6H14O6
Molecular Weight	: 182.17
CAS No.	: 69-65-8

Technical Specification

Appearance	: White to off-white crystals or powder or free-flowing granules
Solubility	: Soluble in water.
Clarity	: 10% w/v solution in boiling water is yellowish and clear
Specific rotation [α] (in borax solution)	: +24.0 \pm 1°
Melting range	: 165 - 170°C
Chloride (Cl)	: \leq 0.005%
Sulfate (SO ₄)	: \leq 0.01%
Arsenic (As)	: \leq 0.0002%
Sulphated ash	: \leq 0.1%
Loss on drying (at 105°C, 2hr)	: \leq 0.50%
Minimum assay (GC/HPLC)	: 99.00%
Cell Culture Test	: Passes test.

Risk And Safety Information

WGK	: 2
RTECS	: OP2060000
Storage Temperature(°C)	: Store at 30°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

**Animal Cell
Culture Tested**



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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