Technical Information

D-Mannitol
Plant Culture Tested

Product Code: PCT1604

Product Information

Product Code	:	PCT1604
Product Name	:	D-Mannitol, Plant Culture Tested
Molecular Formula	:	$C_6H_{14}O_6$
Molecular Weight	:	182.17
CAS No.	:	69-65-8

Technical Specification

Appearance	:	White to off-white crystals or crystalline powder or free-flowing granules.
Solubility	:	Soluble in water.
pH	:	5.00 - 6.50
Specific rotation	:	+23.00° to +25.00° (c= 2g sample + 2.6 g of disodium tetraborate + 20 mL of water, shake for 15-30 min., dilute the solution to 25 mL with water at 25°C)
Melting range	:	165 - 170°C
Loss on drying (at 105°C, 4 hr)	:	<= 0.50%
Assay (HPLC)	:	99.50 - 102.00%
Plant Tissue Culture Test	:	Passes Test

Risk And Safety Information

UN No	:	Not dangerous goods
Class	:	--
Packing Group	:	--
WGK	:	2
RTECS	:	OP2060000
Storage Temperature(°C)	:	Store below 30°C

Transport Information

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

Plant 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.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.