

Technical Information

D-(+)-Glucose Monohydrate Cell Culture Tested

Product Code:TC1208

Product Information

Product Code	: TC1208
Product Name	: D-(+)-Glucose Monohydrate, Cell Culture Tested
Synonym	: Dextrose monohydrate
Molecular Formula	: $C_6H_{12}O_6 \cdot H_2O$
Molecular Weight	: 198.17
CAS No.	: 14431-43-7

Technical Specification

Appearance	: White crystals or crystalline powder.
Solubility	: 10% solution in water is clear and colourless.
Minimum assay (GC)	: 99.00%
Specific Rotation (α) _D ²⁰ (C=10 H ₂ O on dried sub.)	: +52° to +53°
Water (K.F)	: 7.00 - 9.50%
Chloride (Cl)	: ≤ 0.0125%
Heavy metals (as Pb)	: ≤ 0.0005%
Sulfate (SO ₄)	: ≤ 0.02%

Risk And Safety Information

WGK	: 3
RTECS	: --
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

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.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

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