

## Technical Information

### Lactose Monohydrate Cell Culture Tested

Product Code:TC1144

### Product Information

Product Code	: TC1144
Product Name	: Lactose Monohydrate, Cell Culture Tested
Synonym	: Milk sugar
Molecular Formula	: $C_{12}H_{22}O_{11} \cdot H_2O$
Molecular Weight	: 360.31
CAS No.	: 64044-51-5

### Technical Specification

Appearance	: White to cream crystals or crystalline powder or solid.
Solubility	: Soluble in water.
Minimum assay (GC/HPLC)	: 99.00%
Specific rotation ° (c = 10% in water/NH <sub>3</sub> at 20°C, on anhydrous basis)	: +54.4° to +55.9°
Water (K.F.)	: 4.00 - 6.00%
Cell Culture Test	: Passes test

### 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.