

## Technical Information

### D(+)-Trehalose Dihydrate Cell Culture Tested

Product Code:TC1177

## Product Information

Product Code	: TC1177
Product Name	: D(+)-Trehalose Dihydrate, Cell Culture Tested
Synonym	: α,α-Trehalose, α-D-Glucopyranosyl-α-D-glucopyranoside
Molecular Formula	: C <sub>12</sub> H <sub>22</sub> O <sub>11</sub> .2H <sub>2</sub> O
Molecular Weight	: 378.33
CAS No.	: 6138-23-4

## Technical Specification

Appearance	: White powder.
Solubility	: 5% solution in water is clear and colourless.
Minimum assay	: 98.00 %
Melting range	: 97 - 99°C
pH (5% solution in water)	: 5.00 -7.00
Specific rotation $[\alpha]_D^{20}$ (C=2, in water)	: 179 ± 3°
Loss on drying (at 130°C)	: 9.0 - 10.0%
Insect Cell Culture Test	: Passes test
Cell Culture Test	: Passes test

## Risk And Safety Information

WGK	: --
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

**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.
- **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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- 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.
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