

## Technical Information

### Sucrose Cell Culture Tested

**Product Code: TC1648**

### Product Information

Product Code	: TC1648
Product Name	: Sucrose
Synonyms	: Source : Beetroot
Molecular Formula	: $C_{12}H_{22}O_{11}$
Molecular Weight	: 342.30
CAS No.	: 57-50-1

### Technical Specification

Appearance	: White crystalline powder.
Solubility	: 2M aq. Solution is clear colourless.
Minimum assay (GC)	: 99.5%
Specific rotation (C=10, water)	: +66.4°- +66.6°
Loss on drying	: <=0.03%
Sulphated Ash	: <=0.005%
Chloride (Cl)	: <=0.0005%
Sulphate (SO <sub>4</sub> )	: <=0.002%
Iron (Fe)	: <= 0.0001%
Heavy metals (pb)	: <= 0.0001%
Copper (Cu)	: <= 0.0001%
Reducing sugars (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	: <=0.01%
Nitrogen Compounds (N)	: <=0.002%
Suitability	: 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.
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