

Technical Information

Sucrose

Meets USP 41-NF 36, EP 9.0 and BP 2016 testing specifications

Product Code: TC1048M

Product Information

Product Code	: TC1048M
Product Name	: Sucrose, Meets USP 41-NF 36, EP 9.0 and BP 2016 testing specifications
Synonym	: D-(+)-Saccharose, Sugar
Molecular Formula	: C ₁₂ H ₂₂ O ₁₁
Molecular Weight	: 342.30
CAS No.	: 57-50-1

Technical Specification

Appearance	: Colourless crystals /crystalline powder.
Solubility	: 1 M solution in water is clear and colourless.
Identification	: Passes tests.s
Minimum assay (HPLC)	: 99.0%
Specific rotation $[\alpha]_D^{20}$ (C=26% in water)	: +66.3 ⁰ to +67.0 ⁰
Sulphated ash	: <= 0.1%
Loss on drying (at 100°C)	: <= 0.1%
Acidity or alkalinity	: Passes test.
Sulphites	: <= 0.001%
Dextrins	: Passes test.
Glucose & invert sugar	: Passes test.
Heavy metals (as Pb)	: <= 0.001%
Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°C

Transport Information

Marine Pollutant	: Yes
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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Replace date 04-May-2024