

# Sucrose

Cat. 1906

Ingredients (Carbohydrates and Glycosides)

## Practical information

---

Applications

Categories

Carbon source

General use

Industry: Ingredients for culture media / Manufacturing process

## Principles and uses

---

Sucrose is a purified carbohydrate used in culture media as a source of energy for bacteria and to differentiate and identify between species by their ability to ferment it.

## Physical-chemical characteristics

---

Description	Specification
Loss on drying	<0,1%
Reducing sugars	According to test
Conductivity	<35 µS/cm
Dextrin	According to assay
Appearance	White or almost white
Identification	According to assay
Specific optical rotation	66,3-67,0 °
Appearance of solution	According to assay
Residual solvents	Exempt
Color rate	<45,0
Sulphate and sulphite	<0,001%

## Storage

---

Temp. Min.:2 °C  
Temp. Max.:25 °C