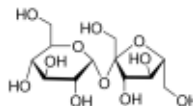


Product Specification

Product Name:
Sucrose - Grade I, suitable for plant cell culture

Product Number: **S5390**
CAS Number: 57-50-1
Formula: C₁₂H₂₂O₁₁
Formula Weight: 342,30 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystals
Purity (GC)	≥ 99 %
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
5 g plus 10 ml H ₂ O	
Infrared Spectrum	Conforms to Structure
Heavy Metal	≤ 5 ppm
Plant Cell Culture Test	Pass
UV Absorbance 260nm	≤ 0.2
(50 g plus 50 ml H ₂ O)	
UV Absorbance 280nm	≤ 0.2
(50 g plus 50 ml H ₂ O)	

Specification: PRE.2.ZQ5.10000023228

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

