

## Certificate of Analysis

Date of Testing: 2022-07-22 11:16:53

Date of Next Testing: 2026-07-21 11:16:53

Product Name: **Sucrose**

CAS Number: 57-50-1

Specifications & Purity: for plant cell culture

Lot #: G2214418

SKU #: **S112237**

**Analysis:** **097512**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
UV Absorbance 280nm	0-0.15	0.09
UV Absorbance 260nm	0-0.15	0.11
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Purity(HPLC)	99.5-100 (%)	99.82700 %
Melting point	185-187 (°C)	185.87000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in H2O , 5GM/10ML water,Clear colorless to faint yellow sol	pass	Pass
λ,100% solution	Pass	Pass
Appearance (S112237)	white powder or crystals	White Powder or Crystals



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