

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-22 11:40:27
Date of Next Testing: 2026-07-21 11:40:27
Product Name: **Sucrose**
CAS Number: 57-50-1
Specifications & Purity: for plant cell culture
Lot #: G2214647
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 H ₂ O , 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



John Su
QA & QC Manager