

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-04 13:49:29
Date of Next Testing: 2028-07-03 13:49:29
Product Name: **Sucrose**
CAS Number: 57-50-1
Specifications & Purity: for plant cell culture
Lot #: F2425230
SKU #: **S112237**
Version: **2**
Analysis #: **356947**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
UV Absorbance 280nm	0-0.15	0.01
UV Absorbance 260nm	0-0.15	0.00
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Purity(HPLC)	99.5-100 (%)	99.63400 %
Melting point	185-187 (°C)	185.30000 °C
Appearance (S112237)	White Powder or Crystals	White Powder or Crystals
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
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager