

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-04 13:40:18  
Date of Next Testing: 2028-07-03 13:40:18  
Product Name: **Sucrose**  
CAS Number: 57-50-1  
Specifications & Purity: for plant cell culture  
Lot #: F2425231  
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 <sub>2</sub> 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