

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-04 13:47:45  
 Date of Next Testing: 2028-07-03 13:47:45  
 Product Name: **Sucrose**  
 CAS Number: 57-50-1  
 Specifications & Purity: for plant cell culture  
 Lot #: F2425229  
 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