

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-14 10:59:50  
Date of Next Testing: 2029-05-13 10:59:50  
Product Name: **Sucrose**  
CAS Number: 57-50-1  
Specifications & Purity: Moligand™, for plant cell culture  
Lot #: G2120235  
SKU #: **S112237**  
Version: **3**  
Analysis #: **508716**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	185-187 (°C)	186.40000 °C
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Purity(HPLC)	99.5-100 (%)	99.50000 %
Appearance (S112237)	white powder or crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in H <sub>2</sub> O , 5GM/10ML water,Clear colorless to faint yellow sol	pass	Pass



John Su  
QA & QC Manager