

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-22 15:33:51
 Date of Next Testing: 2029-11-21 15:33:51
 Product Name: **Sucrose**
 CAS Number: 57-50-1
 Specifications & Purity: Moligand™, for cell culture, for insect cell culture, ≥99.5%
 Lot #: K2519724
 SKU #: **S112236**
 Version: **3**
 Analysis #: **604949**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
UV Absorbance 260nm	0-0.15	0.12000
UV Absorbance 280nm	0-0.15	0.11000
Purity(HPLC)	99.5-100 (%)	99.89100 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67 (°)	66.98000 °
Appearance (S112236)	White powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, soluble 50 mg/mL, clear, colorless	pass	Pass
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass



John Su
QA & QC Manager