

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-26 18:04:33

Date of Next Testing: 2028-12-25 18:04:33

Product Name: **Sucrose**

CAS Number: 57-50-1

Specifications & Purity: Moligand™, for cell culture, for insect cell culture, ≥99.5%

Lot #: L2420878

SKU #: **S112236**

Version: **3**

Analysis #: **438992**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00050 %
UV Absorbance 260nm	0-0.15	0.05200
UV Absorbance 280nm	0-0.15	0.00240
Purity(HPLC)	99.5-100 (%)	99.88900 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67 (°)	66.31000 °
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