

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-14 09:56:46

Date of Next Testing: 2028-09-13 09:56:46

Product Name: **Sucrose**

CAS Number: 57-50-1

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

Lot #: I2409227

SKU #: **S112236**

Version: **3**

Analysis #: **403934**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00012 %
UV Absorbance 260nm	0-0.15	0.00620
UV Absorbance 280nm	0-0.15	0.03600
Purity(HPLC)	99.5-100 (%)	100.00000 %
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
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility in H ₂ O , soluble 50 mg/mL, clear, colorless	pass	Pass



John Su
QA & QC Manager