

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-28 15:23:22

Date of Next Testing: 2030-09-27 15:23:22

Product Name: **Sucrose**

CAS Number: 57-50-1

Grades & Purity: Moligand™, Ultra pure, ≥99.9%, RNase, DNase Free

Lot #: I2607757

SKU #: **S112226**

Version: **1**

Analysis #: **783146**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.005 (%)	0.00000 %
Loss on drying(105°C)	0-0.3 (%)	0.01500 %
Purity(HPLC)	99.9-100 (%)	99.90100 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	66.3-67 (°)	66.98000 °
Ignition Residue (as sulfate)	0-0.01 (%)	0.01000 %
Titration Acid	0-0.0008 (mg/g)	0.00000 mg/g
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00037 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
DNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
RNases	none detected	none detected



John Su
QA & QC Manager