

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-21 09:04:34

Date of Next Testing: 2029-04-20 09:04:34

Product Name: **Sucrose**

CAS Number: 57-50-1

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

Lot #: D2511448

SKU #: **S112226**

Version: **1**

Analysis #: **458204**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.005 (%)	0.00200 %
Chloride (Cl ⁻)	0-0.005 (%)	0.00040 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00010 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00150 %
Iron(Fe)	0-0.0005 (%)	0.00003 %
Loss on drying(105°C)	0-0.3 (%)	0.02500 %
Purity(HPLC)	99.9-100 (%)	99.90000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67 (°)	66.40000 °
Ignition Residue (as sulfate)	0-0.01 (%)	0.01000 %
Titration Acid	0-0.0008 (mg/g)	0.00080 mg/g
DNases	none detected	none detected
RNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager