

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-16 14:02:02

Date of Next Testing: 2028-12-15 14:02:02

Product Name: **Sucrose**

CAS Number: 57-50-1

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

Lot #: L2412691

SKU #: **S112226**

Version: **1**

Analysis #: **444292**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.005 (%)	0.00230 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	66.3-67 (°)	66.50000 °
Heavy metal (as Pb)	0-0.0005 (%)	0.00030 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00240 %
Iron(Fe)	0-0.0005 (%)	0.00021 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00300 %
Loss on drying(105°C)	0-0.3 (%)	0.01200 %
Purity(HPLC)	99.9-100 (%)	99.95000 %
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