

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-11-01 12:05:08
Date of Next Testing:	2028-10-31 12:05:08
Product Name:	<b>Sucrose</b>
CAS Number:	57-50-1
Specifications & Purity:	Moligand™, SuperPure grade, ≥99.9%, RNase, DNase Free
Lot #:	J2429642
SKU #	<b>S112226</b>
Version	<b>1</b>
Analysis #:	<b>426232</b>

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.005 (%)	0.00 %
Loss on drying(105°C)	0-0.3 (%)	0.01 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	66.3-67 (°)	66.50°
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Purity(HPLC)	99.9-100 (%)	99.95000 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.01 %
Titration Acid	0-0.0008 (mg/g)	0.00 mg/g
DNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
RNases	none detected	none detected



John Su  
QA & QC Manager