

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|----------------------------------|
| Date of Testing: | 2025-02-19 16:08:06 |
| Date of Next Testing: | 2029-02-18 16:08:06 |
| Product Name: | D-(+)-Glucose , anhydrous |
| CAS Number: | 50-99-7 |
| Specifications & Purity: | Moligand™, BioReagent |
| Lot #: | B2518327 |
| SKU # | D274366 |
| Version | 2 |
| Analysis #: | 471511 |
| Storage Temperature: | Room temperature, Argon charged |

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Purity(HPLC) | 99.5-100 (%) | 99.61700 % |
| (As)Arsenic | 0-0.00004 (%) | 0.00 % |
| Chloride Content | 0-0.01 (%) | 0.00 % |
| Heavy metals(as Pb) | 0-0.0005 (%) | 0.00 % |
| Insoluble matter | 0-0.005 (%) | 0.00 % |
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Loss on drying | 0-0.2 (%) | 0.08 % |
| Ignition Residue | 0-0.02 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.005 (%) | 0.00 % |
| Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O:NH ₃ (2+3) = 99.2:0.8) | 52.5-54.0 (°) | 52.60° |
| DNases | none detected | none detected |
| RNases | none detected | none detected |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| proteases | none detected | none detected |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager