

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-06 19:08:34
Date of Next Testing: 2026-07-05 19:08:34
Product Name: **2-Deoxy-D-glucose**
CAS Number: 154-17-6
Specifications & Purity: 98%
Lot #: G2205096
SKU #: **D109194**
Analysis: 093297
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Purity(HPLC) | 98-100 (%) | 99.16900% |
| Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) | 44-48 (°) | 47.43° |
| Appearance (D109194) | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility,Colorless to faint yellow,clear(50 mg/mL, H ₂ O) | pass | Pass |



John Su
QA & QC Manager