

Certificate of Analysis

Date of Testing: 2024-06-11 11:42:30
Date of Next Testing: 2026-06-01 11:42:30
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: analytical standard
Lot #: F2403357
SKU #: **G116305**
Version: **3**
Analysis #: **365995**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Purity(HPLC,total glucose) | 99.5-100(%) | 99.65600% |
| Specific rotation $[\alpha]_{20/D}(C=10, H_2O:NH_3(2+3) = 99.2:0.8)$ | 50-54 (°) | 50.02000° |
| Appearance(G116305) | white powder | White powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager