

Certificate of Analysis

Date of Testing: 2024-07-25 16:32:45
Date of Next Testing: 2027-07-25 16:32:45
Product Name: **L-(+)-Fructose**
CAS Number: 7776-48-9
Specifications & Purity: $\geq 95\%$ (HPLC)
Lot #: G2425215
SKU #: **L304610**
Version: **1**
Analysis #: **391850**
Storage Temperature: Room temperature, Desiccated

| Parameter | Limit Values | Result |
|--|---|---|
| Purity(HPLC)(CAD) | 95-100 (%) | 96.20 % |
| Specific rotation $[\alpha]_{20/D}(C=5, H_2O)$ | 84.0-94.0 (°) | 90.30000 ° |
| Appearance(L304610) | White to Almost white powder to crystal | White to Almost white powder to crystal |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager