

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

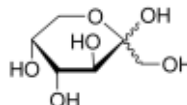
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

D-(-)-Fructose - ≥99%

Product Number: F0127
Batch Number: SLBJ8832V
Brand: SIGMA
CAS Number: 57-48-7
MDL Number: MFCD00148910
Formula: C₆H₁₂O₆
Formula Weight: 180.16 g/mol
Quality Release Date: 19 MAR 2014
Recommended Retest Date: MAR 2019



| Test | Specification | Result |
|----------------------------|-----------------------|-----------|
| Appearance (Color) | White | White |
| Appearance (Form) | Powder | Powder |
| Solubility (Color) | Colorless | Colorless |
| Solubility (Turbidity) | Clear | Clear |
| 50 mg/mL, H ₂ O | | |
| Infrared Spectrum | Conforms to Structure | Conforms |
| Impurity (by Enzymatic) | ≤ 0.05 % | 0.00 % |
| Glucose | | |
| Purity (HPLC) | ≥ 99 % | 100 % |

Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.