

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-31 16:21:38  
 Date of Next Testing: 2029-10-30 16:21:38  
 Product Name: **D-Fructose**  
 CAS Number: 57-48-7  
 Specifications & Purity: PharmPure™, USP, BP, Ph.Eur.  
 Lot #: J2530001  
 SKU #: **F108334**  
 Version: **2**  
 Analysis #: **593294**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| (As)Arsenic                                                      | 0-1 (ppm)             | 0.23500 ppm           |
| Loss on drying                                                   | 0-0.5 (%)             | 0.10400 %             |
| Calcium and magnesium(Ca+Mg)                                     | 0-0.005 (%)           | 0.00105 %             |
| Sulfate(SO42-)                                                   | 0-0.025 (%)           | 0.00000 %             |
| Ignition Residue (as sulfate)                                    | 0-0.5 (%)             | 0.10470 %             |
| Assay                                                            | 98-102 (%)            | 99.95500 %            |
| Chloride                                                         | 0-0.018 (%)           | 0.00000 %             |
| Acidity                                                          | 0-0.5                 | 0.10600               |
| Heavy metal (as Pb)                                              | 0-5 (ppm)             | 0.25300 ppm           |
| Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O) | -94--90(°)            | -92.50600 °           |
| Appearance (solution)                                            | passes test           | Passes test           |
| Identification                                                   | pass                  | Pass                  |
| Residual solvents                                                | complies              | complies              |
| USP Limit Test(hydroxymethylfurfural)                            | pass                  | Pass                  |
| Infrared spectrum                                                | Conforms to Structure | Conforms to Structure |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager