

## Certificate of Analysis

Date of Testing: 2025-05-19 11:29:38

Date of Next Testing: 2029-05-18 11:29:38

Product Name: **D-Fructose**

CAS Number: 57-48-7

Specifications & Purity:  $\geq 99\%$

Lot #: E2507336

SKU #: **F108331**

Version: **0**

Analysis #: **377738**

Storage Temperature: Argon charged

| Parameter                                           | Limit Values                          | Result                                |
|-----------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                                        | 99-100 (%)                            | 99.80300 %                            |
| Loss on drying                                      | 0-0.5 (%)                             | 0.27 %                                |
| 5-hydroxymethylfurfural                             | 0-0.32                                | 0.20                                  |
| Appearance (F108331)                                | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |
| Solubility in H <sub>2</sub> O , Almost transparent | pass                                  | Pass                                  |
| Infrared spectrum                                   | Conforms to Structure                 | Conforms to Structure                 |



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