

## Certificate of Analysis

Date of Testing: 2025-07-15 15:24:46  
 Date of Next Testing: 2029-07-14 15:24:46  
 Product Name: **D-Fructose 1,6-bisphosphate trisodium salt octahydrate**  
 CAS Number: 38099-82-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: J2112236  
 SKU #: **F111301**  
 Version: **0**  
 Analysis #: **540817**  
 Storage Temperature: Store at 2-8°C

| Parameter                 | Limit Values                             | Result                                   |
|---------------------------|------------------------------------------|------------------------------------------|
| Purity(HPLC)              | 98-100 (%)                               | 99.07280 %                               |
| fructose 6-phosphate      | 0-0.1 (%)                                | 0.03 %                                   |
| glucose 6-phosphate       | 0-0.1 (%)                                | 0.03 %                                   |
| Appearance (F111301Color) | White to off-white                       | White to off-white                       |
| Appearance (F111301Form)  | Powder to crystal                        | Powder to crystal                        |
| Proton NMR spectrum       | Conforms to Structure                    | Conforms to Structure                    |
| Solubility,in water       | Clear colorless to faint yellow solution | Clear Colorless To Faint Yellow Solution |



John Su  
QA & QC Manager