

## Certificate of Analysis

Date of Testing: 2025-06-02 15:45:40  
 Date of Next Testing: 2029-06-01 15:45:40  
 Product Name: **D-Allose**  
 CAS Number: 2595-97-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2522096  
 SKU #: **A111907**  
 Version: **3**  
 Analysis #: **473506**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                       | Limit Values                                         | Result                                               |
|-----------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Purity(HPLC)                                                    | 98-100 (%)                                           | 98.85300 %                                           |
| Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$ | 13.5-15.5 (°)                                        | 13.52 °                                              |
| Appearance (A111907)                                            | White to Almost white Powder, Crystals and/or Chunks | White to Almost white Powder, Crystals and/or Chunks |
| NMR Spectrum 1H                                                 | Conforms to Structure                                | Conforms to Structure                                |



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 QA & QC Manager