

## Certificate of Analysis

Date of Testing: 2025-01-20 18:50:30  
 Date of Next Testing: 2029-01-19 18:50:30  
 Product Name: **Sodium D-Pantothenate**  
 CAS Number: 867-81-2  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: A2515083  
 SKU #: **S300915**  
 Version: **0**  
 Analysis #: **329753**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                         | Limit Values                                  | Result                                        |
|-----------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$<br>(after drying) | 25-28.5 (°)                                   | 26.20°                                        |
| Water by Karl Fischer                                                             | 0-5 (%)                                       | 0.10 %                                        |
| Purity(HPLC)                                                                      | 99-100 (%)                                    | 99.03000 %                                    |
| Appearance (S300915)                                                              | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                                                               | Conforms to Structure                         | Conforms to Structure                         |



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QA & QC Manager