

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-26 11:04:06

Date of Next Testing: 2030-06-25 11:04:06

Product Name: **D-calcium pantothenate**

CAS Number: 137-08-6

Specifications & Purity:  $\geq 98\%$

Lot #: F2616298

SKU #: **C110508**

Version: **0**

Analysis #: **715193**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                      | Limit Values                          | Result                                |
|--------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(Nonaqueous Titration)(calcd.on dried substance)                         | 98-102 (%)                            | 100.55000 %                           |
| Loss on drying                                                                 | 0-5 (%)                               | 1.77000 %                             |
| Heavy metal (as Pb)                                                            | 0-0.002 (%)                           | 0.00000 %                             |
| Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$ (after drying) | 25-28.5 (°)                           | 25.00300°                             |
| Appearance (C110508)                                                           | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in H <sub>2</sub> O                                                 | Almost transparency                   | almost transparency                   |
| Proton NMR spectrum                                                            | Conforms to Structure                 | Conforms to Structure                 |



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QA & QC Manager