

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-04 15:26:52
 Date of Next Testing: 2028-02-03 15:26:52
 Product Name: **D-calcium pantothenate**
 CAS Number: 137-08-6
 Specifications & Purity: 98%
 Lot #: A2431227
 SKU #: **C110508**
Analysis: **320234**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)(calcd.on dried substance)	98-102 (%)	99.50 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$ (after drying)	25-28.5 (°)	25.66°
Loss on drying	0-5 (%)	1.27 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Appearance (C110508)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager