

## Certificate of Analysis

Date of Testing: 2022-07-18 11:51:56  
Date of Next Testing: 2026-07-17 11:51:56  
Product Name: **D-calcium pantothenate**  
CAS Number: 137-08-6  
Specifications & Purity: pharmaceutical  
Lot #: G2213529  
SKU #: **C110507**  
**Analysis: 114266**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Heavy metals	0-0.002 (%)	0.00 %
Nitrogen by Elemental Analysis	5.7-6 (%)	5.80 %
Loss on drying	0-5 (%)	1.27 %
Specific Rotation [α] <sub>20</sub> /D(c=5 in H <sub>2</sub> O)	25-27.5 (°)	25.66°
Calcium(Ca)	8.2-8.6 (%)	8.40 %
Appearance (C110507)	white powder	White powder
Alkalinity	Pass	Pass
Identification (positive reaction)	pass	Pass
Organic Volatile Impurities	Pass	Pass
Rdinary Impurities	Pass	Pass



John Su  
QA & QC Manager