

Certificate of Analysis

Date of Testing: 2022-04-26 16:10:19
Date of Next Testing: 2026-04-25 16:10:19
Product Name: **D-calcium pantothenate**
CAS Number: 137-08-6
Specifications & Purity: pharmaceutical
Lot #: F1813134
SKU #: **C110507**
Analysis: **087927**
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 (%)	0.30 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	25-27.5 (°)	26.30°
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