

## Certificate of Analysis

Date of Testing: 2023-06-16 11:51:36

Date of Next Testing: 2026-06-15 11:51:36

Product Name: **D-Pantothenic acid hemicalcium salt**

CAS Number: 137-08-6

Specifications & Purity: BioReagent, suitable for cell culture, suitable for insect cell culture, suitable for plant cell culture

Lot #: F2305214

SKU #: **D431996**

Analysis: **225899**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	3.25 %
Purity(TLC)	98-100 (%)	98.92 %
Appearance(D431996)	White to Off-White Powder	White to Off-White Powder
Cell Culture Test	pass	Pass
Insect Cell Test	Pass	Pass
Plant cell culture test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility(50 mg/ml,H2O),Clear to Very Slightly Hazy Colorless	Pass	Pass



John Su  
QA & QC Manager