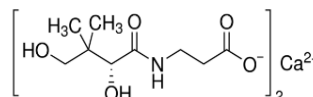


Product Specification

Product Name:

Calcium D-Pantothenate, *PurReagent Plus*, Meets analytical specifications of USP, ≥98.0%

Product No.: PSR3675
Brand: PureSynth
CAS No.: 137-08-6
Molecular Formula: C₁₈H₃₂N₂O₁₀Ca
Molecular Weight: 476.53 g/mol



Test	Specification
Appearance	White to Off-White Powder or Crystals
Assay (on Dried Basis)	≥ 98.0 %
Solubility (10% aq. Solution)	Colourless Clear Solution
Loss on drying	NMT 5.0%
Specific Rotation	+25.0 to +27.5 °
Identity Test	Complies
Alkalinity	Complies
Calcium Content (on Dried Basis)	8.2 - 8.6 %
Nitrogen Content (on Dried Basis)	5.7 - 6.0 %
Heavy Metals (Pb)	NMT 0.002 %
Residual Solvents	Conforms

Specification No.: PR-1.0-QA/922

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com