

D-Calcium Pantothenate USP Powder

Product Characteristics

Appearance	White powder
Country of origin	China

Profile	Method	Specification
Infrared absorption	USP	Meets USP
Identification of calcium ion	USP	Meets USP
Specific rotation	USP	Between +25.0° and +27.5°
Alkalinity	USP	Normal reaction
Loss on drying	USP	≤ 5.0%
Arsenic	AA or ICP-MS	≤ 1 ppm
Cadmium	AA or ICP-MS	≤ 1 ppm
Lead	AA or ICP-MS	≤ 0.5ppm
Mercury	AA or ICP-MS	≤ 0.1 ppm
Residual solvents (Methanol)	USP	≤ 0.3%
Calcium content	USP	8.2-8.6%
Assay of calcium pantothenate	USP	98.0-102.0%
Total aerobic plate count	USP	≤ 1000 CFU/g
Yeast and mold	USP	≤ 100 CFU/g
Staphylococcus Aureus	USP	Negative
Salmonella	USP	Negative
E. Coli	USP	Negative
Coliform	USP	≤ 100 CFU/g

Storage

Store in tight containers, protected from light, moisture and heat.

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