



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	Vitamin B5 D-Calcium Pantothenate
CAS No	137-08-6
Molecular Formula	C₁₈H₃₂N₂O₁₀Ca
Specification Version	USP36
Shelf Life	3 years
Package	25kg/Drum

ITEM

SPECIFICATION

Appearance	White powder
Identification	
A: Infrared Absorption	concordant with the reference spectrum
B: A solution (1 in 20) responds to the tests for Calcium	conform to USP36
Specific optical rotation	+25.0° ~+27.5°
Alkalinity	no pink color is produced within 5 seconds
Loss on drying	≤ 5.0%
Heavy metals	≤ 20ppm
Ordinary impurities	≤ 0.1%
Organic volatile impurities	meet the requirements
Nitrogen content	5.7~6.0%
Content of calcium	8.2~8.6%
Assay	98%~101%
total Plate count	< 1000cfu/g
Mold and Yeast	< 100cfu/g

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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