

Specification of Calcium D-pantothenate

Product: Calcium D-pantothenate

(Vitamin B5, (R)-N-(3,3-dimethyl-2,4- dihydroxy-1-oxobutyl)-3- alanine calcium salt)

Package: 20KG/Carton

Type: Food Grade

	Item		USP
Specifications	Identification	Calcium	Positive
		IR	Keep conformity with the standard
	Assay,%	Titration	98.0-101.0
	Alkalinity		Positive
	Specific optical rotation, °		25.0-27.5
	Loss on Drying,%		≤5.0
	Calcium,%		8.2-8.6
	Heavy metals(as lead),ppm		≤20
Additional Specifications	Granularity	40 mesh sieve	≥99.0
		150 mesh sieve	≤20.0
	Microbial Limit	Total plate count,cfu/g	≤1000
		Yeast&Molds,cfu/g	≤100
		E. Coli/10g	Negative

Shelf Life: 24months

Storage: Store in cool place, keep container tightly closed in a dry and well-ventilated place