



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

VITAMIN D3 850 CWS POWDER

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
VD8SIC	2965	67-97-0	July 9, 2010	LR	No. 2	MPR

CHARACTERISTICS:	Off-white to yellowish fine powder. One kg of the product contains 21.25 grams of vitamin D3 crystalline. Made from vitamin D3 40m iu (Cholecalciferol) that meets USP/EP specifications. Also contains PEG 6000, BHT, BHA; all these ingredients meet USP specifications.
-------------------------	--

SPECIFICATIONS:	Solubility in water at 20°C	Approx. 0.1% w/v
	Identification (Vitamin D3)	To pass test
	Loss on drying	1% max
	Assay (as Vitamin D3)	850,000-935,000 IU/g
	Particle size	
	Thru an 18 mesh	100%
	Thru a 36 mesh	90% min
	Thru a 100 mesh	40% min
	Microbial limits	
	Total microbial count	100 cfu/g max
	Yeast and molds	10 cfu/g max
	Escherichia coli	Absent
	Salmonella	Absent

PACKAGING:	1 kg Jerry can/PET bottle lined inside with 2 LDPE bags 5 kg, 10 kg and 25 kg HDPE drum lined inside with 2 LDPE bags
-------------------	--

APPLICATIONS:	Vitamin D3 supplement for applications in which it has to be soluble in cold water. Approximately 1 gram per liter is soluble in water and gives a clear solution.
----------------------	--

STORAGE INSTRUCTIONS AND SHELF LIFE:	These items are stabilized. Hence, the potency of the vitamin is retained for much longer periods. The product can be stored in recommended storage conditions without nitrogen flushing at approximately 20° C in a dry area away from the sunlight. Shelf life is a minimum 30 months, if kept in original unopened container, in a temperate dry warehouse.
---	---

OTHER:	ISO 9001:2000 certified, State Drug License and follows cGMP The source of the vitamin D3 is from sheep wool from New Zealand and Australia, which is Non-GMO and TSE-BSE Free. Kosher certified: Star K
---------------	---