



American International Chemical, Inc.

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SPECIFICATION SHEET

CYANOCOBALAMIN 1.0% ON MANNITOL (Vitamin B12 1% on Mannitol)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CY1SIP	2965	68-19-9	April 25, 2011	LR	Original	NSG

CHARACTERISTICS:	Pink colored powder that is soluble in warm water. Each gram of powder contains between 10 mg and 12 mg of Cyanocobalamin (Vitamin B12) on mannitol as a carrier.
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SPECIFICATIONS:	Identification (Vitamin B12)	To pass test
	Loss on drying	5.0% max
	Assay (Vitamin B12)	100-120% max
	Microbiology	
	Total microbial count (TMC)	1,000 cfu/g max
	Yeast & mold	50 cfu/g max
	Escherichia coli	Absent in 10 g
	Salmonella	Absent in 10 g
	Pseudomonas aeruginosa	Absent in 10 g
Staphylococcus aureus	Absent in 10 g	

PACKAGING	25 kg drums
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APPLICATIONS:	Food fortification and nutritional supplement
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STORAGE INSTRUCTIONS AND SHELF LIFE:	This product is light sensitive and should be kept in a cool, dry place away from direct sunlight. Shelf life is 5 years, if kept in original unopened container, under recommended storage conditions.
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OTHER:	ISO 9001:2000 certified, State Drug License, cGMP and HACCP Certified. Kosher certified: Star K
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