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SPECIFICATION SHEET Vitamin B12 (Cyanocobalamin)

Item Code: 019

Country of Origin: China

Updated: October 2012

TEST ITEMS	SPECIFICATIONS	TEST METHODS
Description	Dark red crystalline powder	Visual
Identification:		
Color test B	Complies to standards	USP34 Monograph
Color test C	Complies to standards	USP34 Monograph
Ratio of optical density		
A_{361nm}/A_{278nm}	1.70 to 1.90	USP34 Monograph
A_{361nm}/A_{550nm}	3.15 to 3.40	USP34 Monograph
Pseudo Cyanocobalamin	To comply with USP	USP34 Monograph
Loss on drying	≤10.0%	USP34<731>
Assay (On dried basis)	97.0% - 100.5%	USP34 Monograph
Residual Solvents:		
Acetone	≤0.5%	GC
Microbiology:		
Total aerobic plate count	≤1,000 cfu/g	USP34<2021>
Yeast & Mold	≤100 cfu/g	USP34<2021>
E. coli	Negative	USP34<2021>
Conclusion:	Conforms to USP34 standards	
Shelf Life:	5 years	
Packing:	In tins of 1000 grams	
Storage:	Preserve in a well-closed container, protected from intense light, heat & moisture	

- Kosher certified

Gayathri Vasudevan

Manager, Quality Assurance & Regulatory