

RAW MATERIAL SPECIFICATION

Raw Material Information	
Raw Material Name	Vitamin B12
Other Names	Dibencozide

Analysis	Specification	Methods
Assay: Cyanocobalamin	96% - 100.5%	Photometric

Physical Control		
Appearance	Dark red crystalline powder	Visual
Identification	Positive	IR
Melting Point	> 300°C (decomposes)	Oil Column
Loss on Drying	NMT 12%	Electrobalance
Chemical Control		
PH	6.0 (1g/L)	Potentiometry
Optical Rotation	+15°	Polarimetry
Residue on Ignition	NMT 5%	BP
Heavy Metals	NMT 10ppm	Colourimetry
Arsenic	NMT 2ppm	Colourimetry
Lead	NMT 1ppm	Colourimetry

General Information	
Conclusion	Conform to specification.
Storage	Keep in cool & dry place. Keep away from strong light and heat.
Shelf Life	2 years when properly stored.

Quality Control _____ Approved by _____

Date _____ Date _____