



C48-2

**Vetindia Pharmaceuticals Limited**  
**A-6/1, Electronic Complex, Kushaiguda, Hyderabad-62**

**QUALITY CONTROL DEPARTMENT**  
**CERTIFICATE OF ANALYSIS**  
**WORKING STANDARD ANALYSIS REPORT**

Mfg.lic.No:52/HD/AP/95/F/R.

Name of the Material: <b>CYANOCOBALAMIN</b>	Material Code: 165	W.S.No: VWS/165/15
Batch No: Working Standard	Mfg.Date: 06/2015	Exp.Date: 06/2020
Name of the Manufacturer: Ningxia Kingvit Pharmaceutical Co. Ltd		
Condition: Good	Quantity Received: 50 g	
Date of Analysis: 23/12/2015	Date of Report: 23/12/2015	
Inward No: 044	A.R.NO: VWSR/044/15	
Ref STP No: VIPL/QC/RM/165/B	Ref SOP No: VIPL/QC/GEN/017	

S.NO	TEST	SPECIFICATION	RESULT
1.	Description	Dark red crystalline or amorphous or crystalline red powder. In the anhydrous form, it is very hygroscopic and when exposed to air it may absorb about 12% of water.	Dark red crystalline powder
2.	Solubility	Sparingly soluble in water; soluble in alcohol; insoluble in acetone, in chloroform and in ether.	Complies
3.	Identification	A. The ratio $A_{361}/A_{278}$ is between 1.70 and 1.90 The ratio $A_{361}/A_{550}$ is between 3.15 and 3.40 B. The red color persists C. A blue or blue-green color develops within a few minutes.	1.8 3.34 Red color persist Blue color was formed
4.	Pseudo cyanocobalamin	The separated upper layer is colorless or has no more color than a mixture of 0.15 ml of 0.10N Potassium permanganate and 250 ml of water	Complies
5.	Loss on drying	Not more than 12.0%	7.5%
6.	Assay	NLT 96.0% and NMT 100.5%	98.1%

REMARKS: THE MATERIAL COMPLIES WITH BP2011 SPECIFICATIONS IN THE ABOVE RESPECTS.

ANALYSED BY  
Prasad 23/12/2015

CHECKED BY  
K. Latha  
23/12/2015



Received  
21/06/2016