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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

Product Name: Cyanocobalamin (In House Standard)

Identification:

Chemical Name: Co α -[α -(5,6-Dimethylbenzimidazolyl)]-Co β -cyanocobamide (as per EP)

Synonyms : Vitamin B12 ; Anacobin ;
Antipernicin ; Apikobal

CAS Number : 68-19-9

CAT Number : CP-C132000

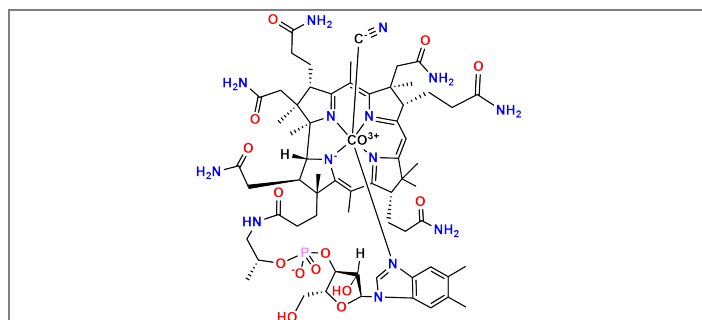
Molecular Formula : C₆₃H₈₈CoN₁₄O₁₄P

Molecular Weight : 1355.37

Batch Number : CHEM-CYA-01

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Purple Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.31%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.