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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

Re-test Date: Mar 2027

**Product Name: Hydroxocobalamin Acetate**

### Identification:

Chemical Name: Co $\alpha$ -[ $\alpha$ -(5,6-dimethylbenzimidazolyl)]-Co $\beta$ -hydroxocobamide acetate

Synonyms : NA

CAS Number : 22465-48-1

CAT Number : CP-H13001

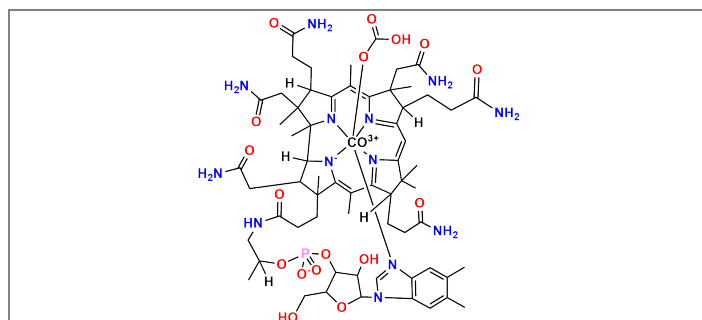
Molecular Formula : C<sub>64</sub>H<sub>91</sub>CoN<sub>13</sub>O<sub>16</sub>P

Molecular Weight : 1388.41

Batch Number : CP-HDC-ACE-0424

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	93.87%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

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