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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

**Product Name: Methylcobalamin (In House Standard)**

### Identification:

Chemical Name: Methyl-5,6-dimethylbenzimidazolylcobalamin

Synonyms : NA

CAS Number : 13422-55-4

CAT Number : CP-M103000

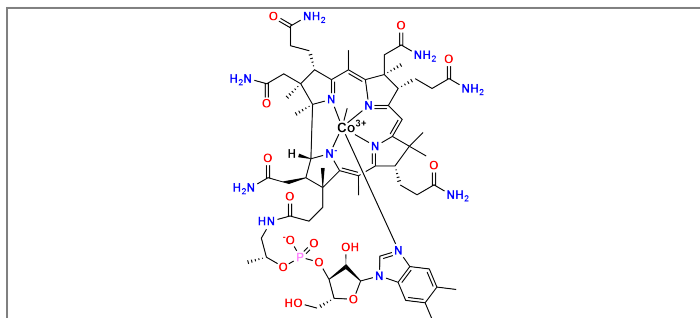
Molecular Formula : C<sub>63</sub>H<sub>91</sub>CoN<sub>13</sub>O<sub>14</sub>P

Molecular Weight : 1344.38

Batch Number : CP-MET-COB-0924

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Red Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.71%
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.