

Analysis Date: 11-09-2025

Re-test Date: 11-09-2028

CYANOCOBALAMIN B6-HYDROXYMETHYL DERIVATIVE

Identification

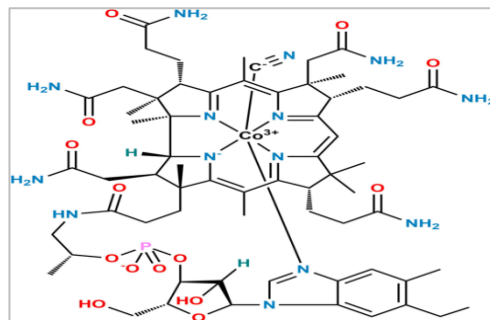
Chemical Name : Cyanocobalamin B6-Hydroxymethyl Derivative

CAT No : ALL-C04071

CAS No : N.A.

Molecular Formula : C₆₄H₉₀CoN₁₄O₁₄P

Molecular Weight : 1369.4



Analytical Information

Batch Code	: ALL-C04071	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.48%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.478%	¹H NMR	: Confirm
Residue Of Ignition	: 0.048%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.478 + 0.048) \times 99.87] / 100 = 97.48\%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office