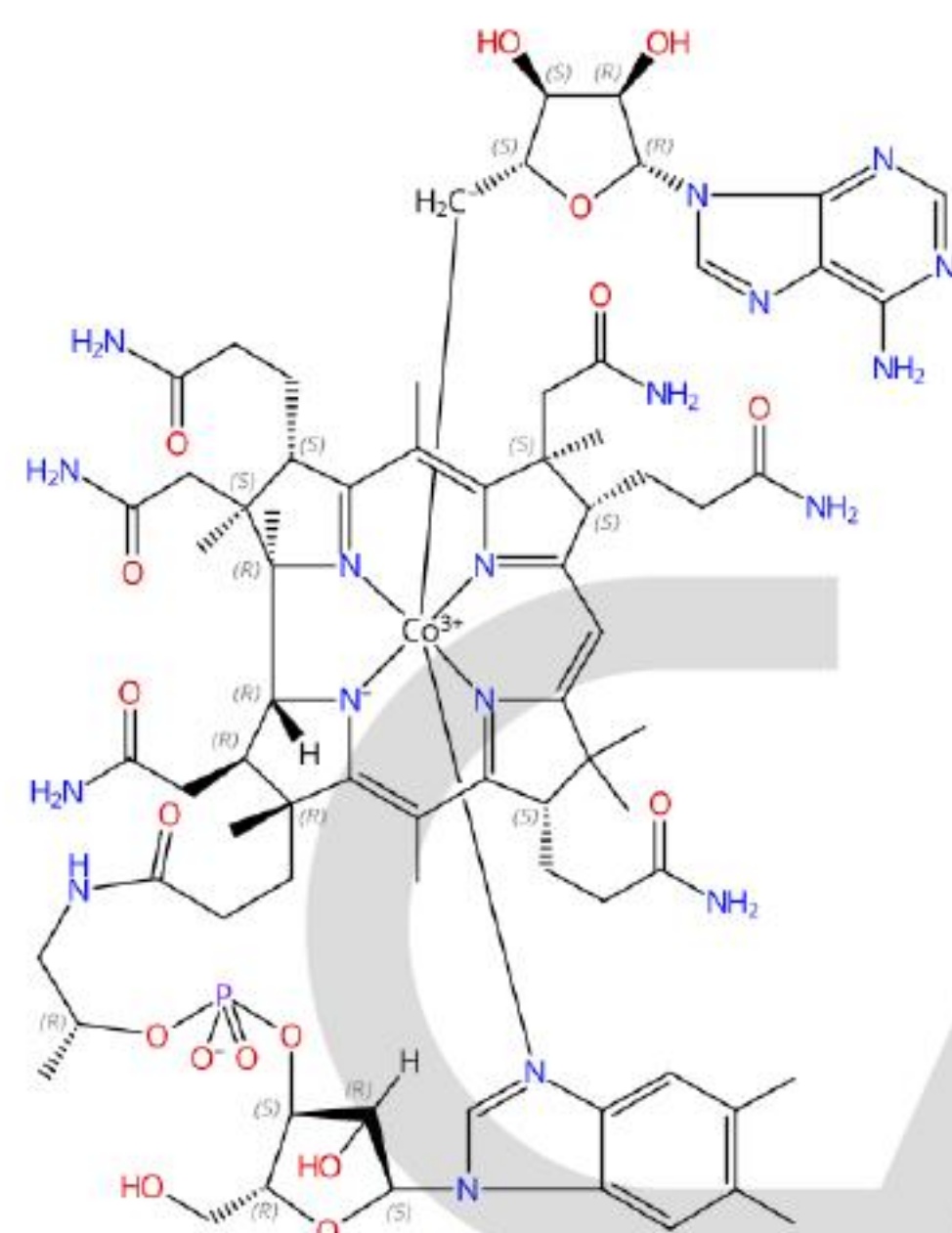


Certificate of Analysis

Reference Material & Standard

Product Name:	Cobamamide	Catalogue Number:	C4X-18746
Synonyms:	N/A	Lot Number:	1115-RD-0024
CAS Number:	13870-90-1	Expiry Date:	Jun 01, 2030
Molecular Formula:	C ₇₂ H ₁₀₀ CoN ₁₈ O ₁₇ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1579.58	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Dark Red Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.378%
Loss on Drying	TGA	6.2636%
Assay		92.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 02, 2026

Date: Jun 02, 2026

Date: Jun 02, 2026



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