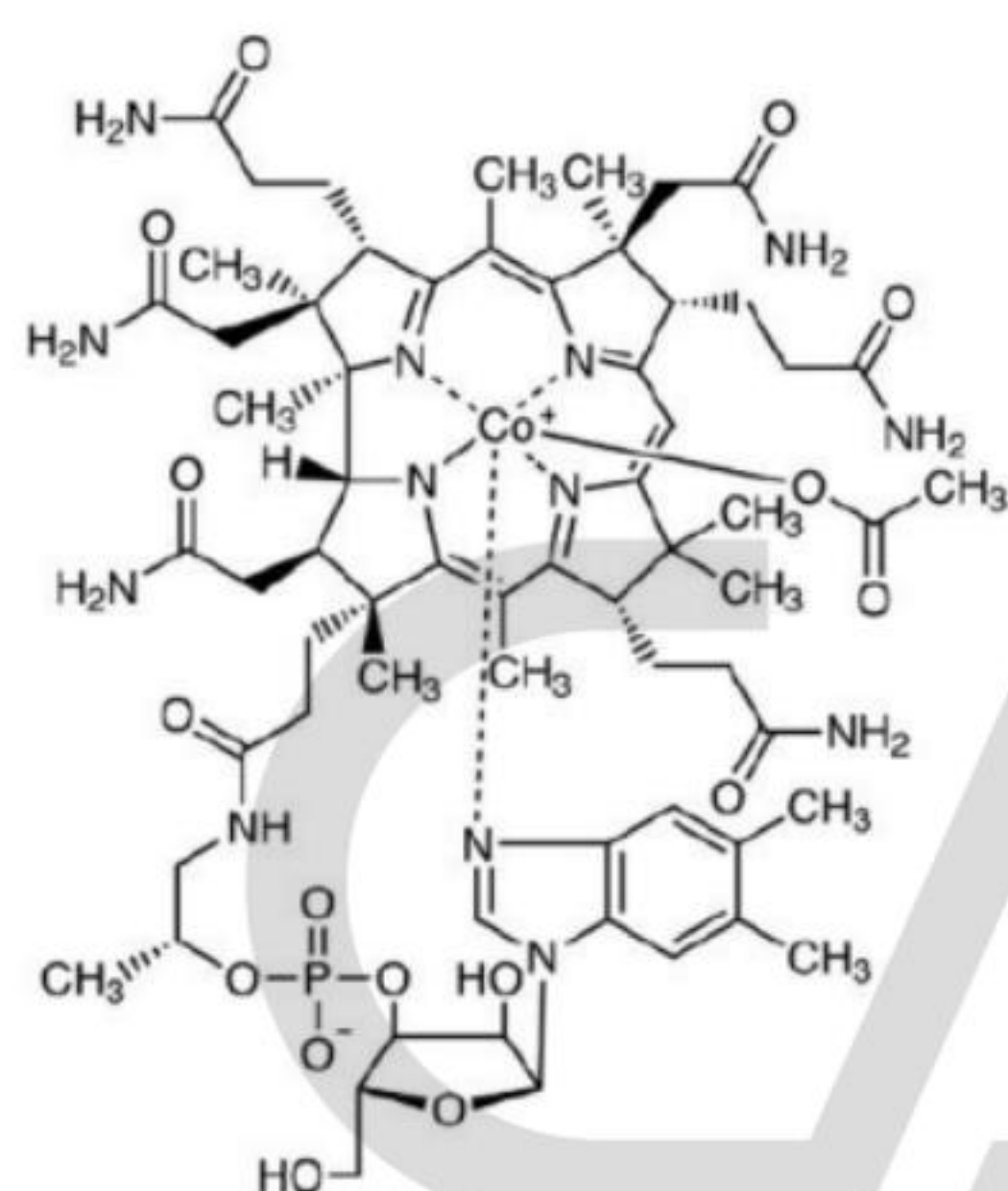


Certificate of Analysis

Reference Material & Standard

Product Name:	Hydroxocobalamin Acetate	Catalogue Number:	C4X-18743
Synonyms:	N/A	Lot Number:	0817-RH-0041
CAS Number:	22465-48-1	Expiry Date:	Aug 18, 2030
Molecular Formula:	C ₆₄ H ₉₁ CoN ₁₃ O ₁₆ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1388.39	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Dark Purple Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.760%
Loss on Drying	TGA	7.2532%
Assay		91.6%

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: Aug 19, 2026

Date: Aug 19, 2026

Date: Aug 19, 2026



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