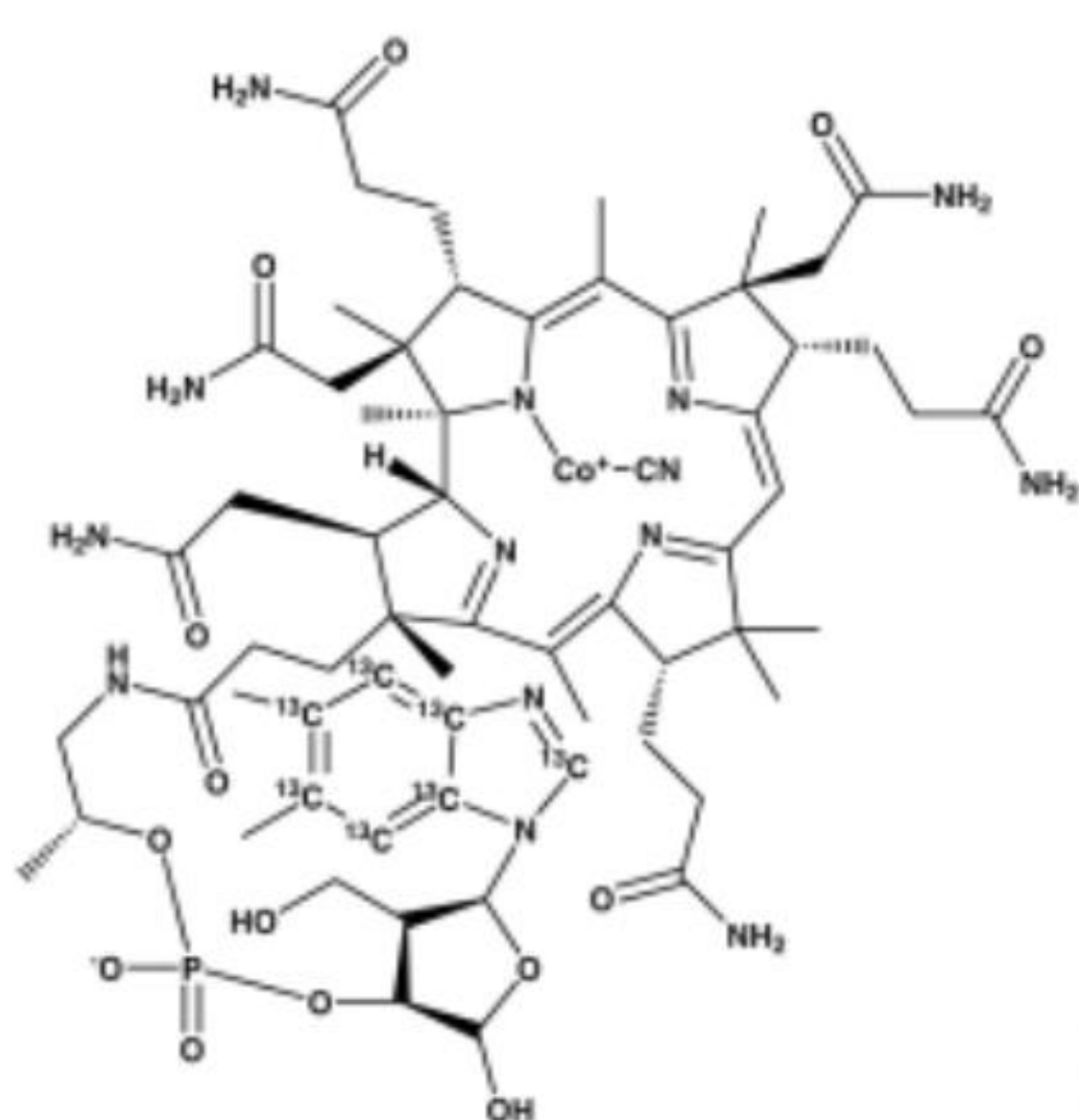


Certificate of Analysis

Reference Material & Standard

Product Name:	[13C7]-Vitamin B12	Catalogue Number:	LCFD201937
Appearance:	Colourless Liquid	Lot Number:	0417-RF-0010
Solvent:	Methanol	Storage:	-80°C±5°C Protected from light and Sealed
Expiry Date:	Sep 11, 2026		
Chemical Structure:			



NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (µg/mL)
1	[13C7]-Vitamin B12	N/A	1.010	0.001

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Nice

Approved by General Manager:

David

Date: Apr 18, 2024

Date: Apr 18, 2024

Date: Apr 18, 2024

