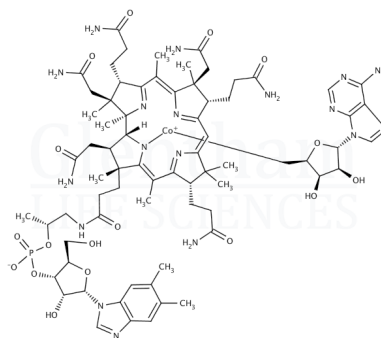


## Product Specification

Product Name	Coenzyme B12
Glentham Code	GP8985
CAS Number	13870-90-1
EINECS	237-627-6
MDL Number	MFCD00135609
PubChem SID	310270449
Molecular Weight	1579.58
Molecular Formula	$C_{72}H_{100}CoN_{18}O_{17}P$
Storage Temp.	-20°C



Property	Specification
Physical Description	Dark red powder or crystalline powder
Assay (HPLC)	98.0 - 102.0 % (dried basis)
Related Substances (HPLC)	Total Impurities: ≤ 2.0%
	Maximum Single Impurity: ≤ 0.5%
	Hydroxocobalamin: ≤ 0.9%
Loss on Drying	≤ 12.0%
Heavy Metals	≤ 10ppm
Lead (Pb)	≤ 1ppm
Arsenic (As)	≤ 1ppm
Cadmium (Cd)	≤ 1ppm
Chromium (Cr)	≤ 1ppm
Mercury (Hg)	≤ 0.5ppm

Specification Version	- v1.0
Date Created	- 2014-06-13

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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