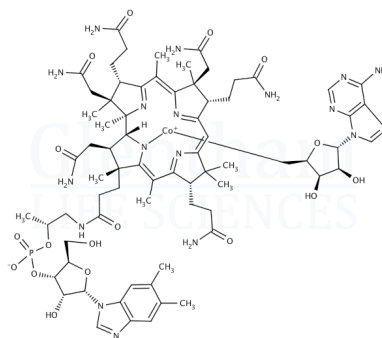


Product Specification

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 or contact us using the details above for the current version of this document.

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