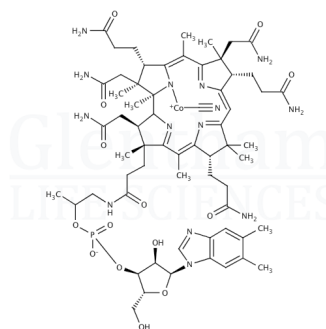


## Product Specification

Product Name	Vitamin B12, pyrogen free
Glentham Code	GV3321
CAS Number	68-19-9
EINECS	200-680-0
MDL Number	MFCD00151092
Molecular Weight	1355.38
Molecular Formula	$C_{63}H_{88}CoN_{14}O_{14}P$
Storage Temp.	+4°C



Property	Specification
Physical Description	Dark red crystalline powder
Solubility (5% in water)	Clear, red to dark red solution
Loss on Drying	≤ 12.0%
Assay	≥ 96.0% (anhydrous basis)
Pyrogens	Free from pyrogens

Specification Version	-	v1.0
Date Created	-	2013-07-17

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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