



LKT Laboratories, Inc.

Vitamin B12

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Product Information

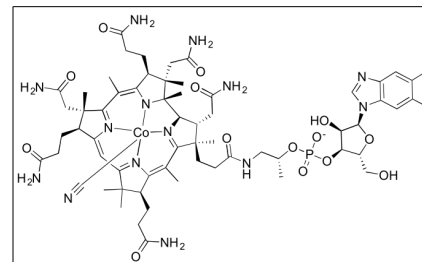
Product ID V3378
CAS No. 68-19-9
Chemical Name Cyanocobalamin

Synonym Cobalin, Bedoz, Cytobion, Vitarubin

Formula $C_{63}H_{88}CoN_{14}O_{14}P$
Formula Wt. 1355.37
Melting Point >300°C
Purity ≥97%
Solubility Soluble in alcohol and water. Insoluble in ether, chloroform and acetone.

Store Temp Ambient
Ship Temp Ambient

Description Vitamin B12 is a coenzyme vitamin found in bacteria, dairy, meat, eggs, and fermented food sources. Vitamin B12 exhibits antioxidative activity and is often given as a dietary supplement. This B vitamin is involved in cellular metabolism, fatty acid synthesis, and energy production; it can also be used to treat cyanide poisoning. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V3378	500 mg	\$82.40
V3378	1 g	\$123.20
V3378	5 g	\$304.90

References Kumar N. Neurologic. Aspects of cobalamin (B12) deficiency. Handb Clin Neurol. 2014;120:915-26. PMID: 24365360.

Briani C, Dalla Torre C, Citton V, et al. Cobalamin deficiency: clinical picture and radiological findings. Nutrients. 2013 Nov 15;5(11):4521-39. PMID: 24248213.

Scott JM, Molloy AM. The discovery of vitamin B(12). Ann Nutr Metab. 2012;61(3):239-45. PMID: 23183296.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.