

Certificate of Analysis

Product Name: **Methylcobalamin (Mecobalamin)**
 Source: **Chemical Synthesis (Cyanocobalamin, trimethylsulfoxonium iodide & sodium borohydride)**
 Country of Origin: **China**
 Batch Number: **Varies**
 Manufacture Date: **Varies**
 Retest Date: **Varies**

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Mecobalamin (Methylcobalamin) (on anhydrous basis) (HPLC)	≥98.5%	99.01%
Loss on Drying (USP<731>)	≤11.5%	3.33%
Arsenic		<0.500 ppm
Cadmium		<0.0500 ppm
Lead		<0.0500 ppm
Mercury		<0.0500 ppm
Aerobic Plate Count	≤1000 cfu/g	<20 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
<i>E. Coli</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
Yeast & Mold	≤100 cfu/g	<20 cfu/g
<i>Salmonella</i>	Negative	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion (PureBulk):	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Dark red crystals or crystalline powder	Conforms
Identification	(1) UV: compare the spectrum with the reference spectrum. Both spectra exhibit similar intensities of absorption at the same wavelengths.	Conforms
Clarity and Color of Solution	The solution is clear and red color	Conforms
Related Substances	Each area of the peaks other than mecobalamin is not more than 0.5% of the peak area of mecobalamin.	0.4%
	The total area of the peaks other than mecobalamin is not more than 2.0%.	1.6%
Acetone	≤5000 ppm	11 ppm
Conclusion (Manufacturer):	This product conforms to JP XVIII and In-House standards	

Additional Information: Allergen Free || BSE/TSE Free || Gluten-Free || Vegetarian/Vegan
 || No Sewer sludge

Sterilization Method: Non-Irradiated

GMO Statement: Non-GMO

Composition: Methylcobalamin 100%

Storage Conditions: **Keep in sealed container under 25°C.**
Keep away from strong light, heat and moisture.

Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Candace Gibson / Nicole Rammage

(This document was produced electronically and is valid without signature.)