

Certificate of Analysis

Product Name: **Cyanocobalamin 1%**
 Diluent: **Mannitol**
 Country of Origin: **China**
 Batch Number: **Varies**
 Manufacture Date: **Varies**
 Retest Date: **Varies**

Test Results Obtained by PureBulk

| ITEMS | SPECIFICATIONS | RESULTS |
|---------------------------|------------------------------------|-----------|
| Cyanocobalamin (HPLC) | ≥1% | 1.06% |
| Mannitol (HPLC) | Report Only | 97.60% |
| Aerobic Plate Count | ≤1000 cfu/g | <20 cfu/g |
| Yeast & Mold | ≤100 cfu/g | <20 cfu/g |
| Coliforms | ≤100 cfu/g | <20 cfu/g |
| <i>E. Coli</i> | Negative | Absent |
| <i>Salmonella</i> | Negative | Absent |
| <i>Staph aureus</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 | Pale Red, very small powder, hygroscopicity | Conforms |
| Identification A (UV) | Absorption maxima at 361±1nm and 550±2nm | Conforms |
| Grain Size | Essentially 100% passes through 0.25 mm sieve | Conforms |
| Loss on Drying | ≤3% | 0.1% |
| Pb | <3.0 ppm | Conforms |
| As | <3.0 ppm | Conforms |
| Conclusion (Manufacturer): | This product conforms to GB/T9841-2006 standards | |

Additional Information: Non-Allergen || BSE-TSE-Free || Gluten-Free || Vegan/ Vegetarian
GMO Statement: Non-GMO
Sterilization Method: Non-Irradiation
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 / Ann Foote / Nicole Rammage

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