

Certificate of Analysis

Date of Testing: 2023-02-21 08:31:58

Date of Next Testing: 2027-02-20 08:31:58

Product Name: **Vitamin B12**

CAS Number: 68-19-9

Specifications & Purity: 98%

Lot #: B2315004

SKU #: **V104140**

Analysis: **149852**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.20000 %
Purity(UV method)	98-102 (%)	99.36 %
total bacterial count	0-800 (cfu/μl)	26.32 cfu/μl
Total impurities	0-3 (%)	1.32 %
Loss on drying	0-10 (%)	0.18 %
Appearance (V104140)	Red to Very Dark Red Crystals or Powder	Red to Very Dark Red Crystals or Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O, Dark Red, 50 mg/ml	Pass	Pass



John Su
QA & QC Manager