

CERTIFICATE OF ANALYSIS

Product Name	Vitamin B12 (Methylcobalamin) 甲基钴胺素		
CAS No.	13422-55-4		
MOLEULAR FORMULA	C63H91CoN13O14P	MOLIQUAR WT	1344.40 g/mol
Batch Number	20221126	Manufacture Date	20221126
Report Date	20221126	Expiry Date	20241125

Item of Analysis	Specification	Results	Test Methods
Assay	96.0%-100.5%	98.5%	HPLC
Organoleptic			
Appearance	Powder	Conforms	Organoleptic
Color	Dark-red, crystalline powder, Or crystals, hygroscopic	Conforms	Organoleptic
Physical Characteristics			
Loss on drying	12%NMT (%)	8.6%	European Pharmacopoeia (2.2.32)
Related substances	3%NMT (%)	0.9%	European Pharmacopoeia(2.2.39)
IDENTIFICATION	BY-IR UV-SPECTRO BY CHEMICAL	Concordant with standard	European Pharmacopoeia(2.2.39)
Microbiological Tests			
Total Plate Count	1000cfu/g Max	Conform	USP<61>
Yeast & Mold	100cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

