



# Xi'an Quanao Biotech Co., Ltd.

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## Certificate of Analysis

Product Name	Mecobalamin / Vitamin B12 Powder		
CAS No.	13422-55-4	M.F.	C63H91CoN13O14P
Production Date	2021-04-02	Batch No.	QM20210402
Expiry Date	2023-04-01	Report Date	2021-04-09
Original			
ITEMS	SPECIFICATIONS		RESULTS
Appearance	Dark red crystalline powder		Complies
Odor & Tasted	Characteristic		Complies
Assay(%)	≥99.0 HPLC		99.12
Loss on Drying(%)	≤10.0		3.56
Ash(%)	≤5.0		2.40
Residue Solvent (%)	≤0.05		Negative
Particle size(%)	100% through 80 mesh sieves		Complies
Heavy Metals			
Heavy Metal(ppm)	≤10.0		Complies
Pb(ppm)	≤1.0		Complies
As(ppm)	≤1.0		Complies
Hg(ppm)	≤0.1		Complies
Cd(ppm)	≤1.0		Complies
Microbiological Tests			
Total Plate Count(cfu/g)	≤1000		Complies
Yeasts and Moulds(cfu/g)	≤100		Complies
E.coli(cfu/g)	Negative		Complies
Salmonella	Negative		Complies
Conclusion	Conform to the standard.		
Packing	25kg/drum		
Storage and Handling	Store in a cool and dry place, keep away from direct strong and heat		
Shelf life	Two years if sealed and store away from direct sun light		

QC: Li Ting

QA: Tian Wen

