

Certificate of analysis

Cobamamide

CAS No	13870-90-1	Code	BIOJCOB001
Lot No	A240201	Manufacture Date	Apr.14, 2024
Expiry Date	Apr. 13, 2027	Quantity	100G

Testing Items	Specifications	Results
Appearance	Dark red crystalline or crystalline powder	Complies
Identification	UV: Absorption maxima at 264nm, 285nm, 305nm, 460nm	Complies
	HPLC: The retention time of the main peak of the HPLC sample is the same as that of the control sample	Complies
	Infrared identification: The infrared absorption spectrum is consistent with the spectral set 887.	Complies
Vitamin B12b	$A_{460nm}/A_{352nm} \geq 0.90$	0.946
Assay(on dried basis)	98.5%~102.0%	99.0%
Loss on drying	$\leq 10.0\%$	4.3%
Related substances	$\leq 1.0\%$	1.0%
Residual solvents	Acetone $\leq 0.5\%$	0.0351%
Microbial limit	Total bacteria count $\leq 1000\text{cfu/g}$	Complies
	Mould and yeasts $\leq 100\text{cfu/g}$	Complies
Conclusion	This product conforms to CP2020 standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**