

## Certificate of analysis

### Mecobalamin(Methylcobalamin)

CAS No.	13422-55-4	Code	BIOJMEC001
Batch No	M231221A	Manufacture Date	Dec.29, 2023
Expiry Date	Dec.28, 2026	Quantity	300G

Testing Items	Specifications	Results
Appearance	Dark red crystals or crystalline powder	Complies
Identification	UV: Compare the spectrum with the reference spectrum, both spectra exhibit similar intensities of absorption at the same wavelengths	Complies
	Cobalt: Meets JP requirement	Complies
Clarity and color of solution	The solution is clear and red color	Complies
Related substances	Each area of the peaks other than mecobalamin is not more than 0.5% of the peak area of mecobalamin	0.4%
	The total area of the peaks other than mecobalamin is not more than 2.0%	1.4%
Water	≤11.5%	4.7%
Assay	98.5%~101.0 (Calculated on the dried basis)	99.2%
Acetone	≤5000ppm	1070ppm
The total aerobic microbial count	≤1000cfu/g	<10cfu/g
The total combined yeasts/mould count	≤100cfu/g	<10cfu/g
Conclusion	This product conforms to JP18 and In-house standard	

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