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Certificate of Analysis

Product: Mecobalamin Cert. No.: 03250702202
Batch No. 032507022 Mfg. Date: Jul.09,2025
Production: 20089g Cert. Date: Jul.30,2025
Retest Date: Jul.08,2030

Test item	Specifications	Results
Characters	Dark red crystals or crystalline powder	Complies
Identification1 (UV)		
UV-VIS spectrum pH7	Conforms to standard	Complies
Identification2 (Chemistry)	Positive	Positive
Identification3 (HPLC)	Conforms to standard	Complies
Related substances (HPLC)	$\leq 2.0\%$	0.6%
Individual Impurities (HPLC)	$\leq 0.5\%$	0.2%
Water (K.F)	$\leq 12.0\%$	5.5%
Assay(on anhydrous basis) (HPLC)	98.0%~102.0%	99.4%
Residual Solvent (GC)		
Acetone	$\leq 0.5\%$	0.004%
Total plate count (Membrane filtration)	<100cfu/g	<1cfu/g
Bacillus cereus	Negative	Negative
E.coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus aureus	Negative	Negative
As	$\leq 2.0\text{ppm}$	Not Detected
Pb	$\leq 0.5\text{ppm}$	Not Detected
Hg	$\leq 0.1\text{ppm}$	Complies
Cd	$\leq 2.0\text{ppm}$	Complies



Conclusion: This product complies with the specifications of USP 2025.

Edited by: 陈静
2025.07.30

Checked by: 杜林森
2025.07.30

Approved by: 张京川
2025.07.30