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Certificate of Analysis

Product:	<u>Mecobalamin</u>	Cert. No.:	<u>03240607002</u>
Batch No.	<u>032406070</u>	Mfg. Date :	<u>Jun.30,2024</u>
Production:	<u>20071g</u>	Cert. Date :	<u>Jul.05,2024</u>
Retest Date:	<u>Jun.29,2027</u>		

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)	≤2.0%	0.8%
Individual Impurities (HPLC)	≤0.5%	0.4%
Water (K.F)	≤12.0%	9.1%
Assay(on anhydrous basis) (HPLC)	98.0%~102.0%	99.2%
Residual Solvent (GC)		
Acetone	≤0.5%	0.003%
Total plate count (Plate culture)	≤1000cfu/g	<10cfu/g

Conclusion: This product complies with the specifications of USP 2024.

Edited by: 孙晓茹
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