



# HEBEI HUARONG PHARMACEUTICAL CO., LTD.

Add: No.8, Weier Road, Ningjin Salinization Industrial Park, Xingtai, Hebei Province, China

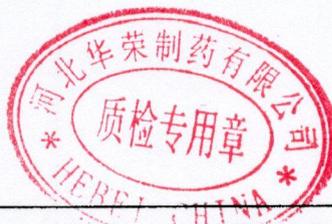
P.C.: 055550

Tel: 0310 6610070  
SUZHOU YAOFU TECHNOLOGY CO., LTD  
ht PHARMA SERVICE CO., LTD  
HK QUIMICA FARMAVET  
E: QUIMICO@VIP.163.COM om

## Certificate of Analysis

Product: Mecobalamin Cert. No.: 03240105104  
 Batch No. 032401051 Mfg. Date: Jan.31,2024  
 Production: 20060g Cert. Date: Sep.23,2024  
 Retest Date: Jan.30,2027

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%	0.7%
Individual Impurities (HPLC)	≤0.5%	0.3%
Water (K.F)	≤12.0%	5.0%
Assay(on anhydrous basis) (HPLC)	98.0%~102.0%	99.6%
Residual Solvent (GC)		
Acetone	≤0.5%	0.018%
Total plate count (Plate culture)	≤1000cfu/g	<10cfu/g



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

Edited by: 孙晓茹  
2024.09.23

Checked by: 李彬森  
2024.09.23

Approved by: 张京川  
2024.09.23