

河北华北制药华恒药业有限公司

Hebei North China Pharmaceutical Huaheng Pharmaceutical Co., Ltd. Address:Xingyuan Street Biological Industry Zone Nanbaishe Town,Zhao County,Shijiazhuang Hebei,China

地址:中国河北石家庄赵县南柏舍镇生物产业园兴园街 TEL:+86-311-85992961

CERTIFICATE NO.检验报告编号:C2009006

检验报告

Certificate of Analysis

Date of Certificate 报告日期 氰钴胺(维生素 B12)Cyanocobalamin (VitaminB12) Product 品名

2020-09-27

Batch No.批号

C200901S

Date of Manufacture 生产日期

2020-09-18

Quantity 数量

37.365kg

Date of Expiry 有效期

2025-09-17

Analysis Contents 分析项目	Analysis Standard 分析标准	Analysis Results 分析结果
Characters 性狀	Dark red crystalline or crystalline powder 深红色结晶或结晶性粉末	complied 符合规定
Solubility 溶解度	Sparingly soluble in water and in ethanol(96.0%),practically insoluble in acetone 微溶于水和乙醇(96.0%),几乎不溶于丙酮	complied 符合规定
Identification 鉴别		
Absorbance 吸光度 A361/A547-559	3.15-3.45	3.29
Absorbance 吸光度 A361/A278	1.70-1.90	1,86
Chemical identification 化学鉴别 ·	positive 化学反应呈正反应	complied 符合规定
TLC 薄层色谱	Should comply with the regulations 应符合规定	complied 符合规定
Assay (anhydrous substance) 含量(以干品计)	. 96.0%-102.0%	100,1%
Loss on drying. 干燥失重	≤12.0%	2.7%
Related substances 相关物质	≤3.0%	0.5%
Residual solvent 残余溶媒	-	
acetone 内酮	≤5000ppm	27ppm
ornanol 区辖 Microboal limit 微生物腹度	≤5000ppm	82ppm
l'otal aerobic bacteria 崇氧菌总数	≤1000cfu/g	<50cfu/g
Mould and easts 群區和酵母菌	≤100cfu/g	<50cfu/g

Storage 储存条件:Preserve in tight. Light-resistant containers.避光密封容器保存。

批产品符合 9.0 版欧洲药典和 2019 版英国药典

Reported by 报告人: 不是 多 昆

Reviewed by 审核人: Approved by 批准人: 文章





河北华北制药华恒药业有限公司

Hebei North China Pharmaceutical Huaheng Pharmaceutical Co., Ltd.

Address:Xingyuan Street Biological Industry Zone Nanbaishe Town,Zhao County,Shijiazhuang Hebei,China 地址: 中国河北石家庄赵县南柏舍镇生物产业园兴园街

TEL:+86-311-85992961

CERTIFICATE NO.检验报告编号:C2009006

检验报告

Certificate of Analysis

Product 品名

氰钴胺(维生素 B12)Cyanocobalamin (VitaminB12)

Date of Certificate 报告日期

2020-09-27

Batch No.批号

C200901S

Date of Manufacture 生产日期

2020-09-18 2025-09-17

Quantity 数量

37.365kg

Date of Expiry 有效期

Analysis Contents 分析项目	Analysis Standard 分析标准	Analysis Results 分析结果
Characters 性状	Dark red crystalline or crystalline powder 深红色结晶或结晶性粉末	complied 符合规定
[dentification 鉴别	3: 15-3: 40	3. 29
Absorbance 吸光度 A ₃₆₁ /A ₅₅₀	1, 70-1, 90	1.86
Absorbance 吸光度 A ₃₆₁ /A ₂₇₈		complied 符合规定
Chemical identification 化学鉴别	positive 化学反应呈正反应	compiled 14 H Marc
IIPLC 高效液相	The retention time of the main peak of the HPLC sample is the same as that of the control sample. HPLC样品主峰保留时间与对照是一致	complied 符合规定
Assay (anhydrous substance)	96, 0%-102. 0%	100.1%
含量(以干品)) Loss on drying 干燥失重	≤12.0%	2. 7 ^q o
Related substances 相关物质		0, 5%
- Total impurity 总杂	≤3.0%	0. 5/6
Any individual impurity 单杂 7β,8β-Cyanocobalamin Lactate	≤1.0%	0.1%
50-Carboxycyanocobalamin	≤0.5%	not detected 未检出
	≤2.0%	0.4%
31-Methylcyánocobalamin	≤1.0%	not detected 未检出
32-Carboxycyanocobalamin.		0.1%
8-EPic-Cyancobalamin	≤1.0%	
Any other unidentified impuriti 其它任 以加入业物	es ≤0,5%	0.1%
Residual selection 少数分	≤5000ppm	27ppm
auganol ZM	≤5000ppm	82ppm
Marria al lim 生物限度		
Total aerobic bacteria 醫氧菌总数	≤1000cfu/g	<50cfu/g
Managara and Table	≤100cfu/g	<50cfu/g

论:本批产品符合 42 版美国药典 Storage 储存条件:Preserve in tight. Light-resistant containers.避光密封容器保存。

Reported by 报告人: 13-75 Reviewed by 审核人: Approved by 批准人:

