

检测报告 CERTIFICATE OF ANALYSIS

产品名称 Product Name:	维生素 B12 (甲钴胺) Vitamin B12 (Methylcobalamin)	参考标准 Ref. Standard:	企业标准 In-house Standard
批号 Batch Number:	20251210	生产日期 Manuf. Date:	Dec. 10, 2025
数量 Quantity:	200kg	有效期至 Expiry Date:	Dec. 09, 2027
储存条件 Storage Condition:	保存在密闭的容器中, 控制室温, 远离阳光。 Preserve in tight containers at controlled room temperature, away from sunlight.		

项目 Item	标准 Specification	结果 Result
含量 Assay	98.5%~101.0%	99.3%
外观 Appearance	深红色结晶或结晶性粉末 Dark red crystals or crystalline powder	符合 Conforms
鉴别 Identification	(1) UV: 样品与标准图谱在相同的波长下有类似的吸收强度: Compare the spectrum with the reference spectrum, Both spectra exhibit similar intensities	符合 Conforms
	(2) 钴原子: 符合日本药典要求 Cobalt: Meets JP requirement	
水分 Water	≤11.5%	4.6%
溶液的澄清和颜色 Clarity and color of solution	溶液呈清红色 The solution is clear and red color	符合 Conforms
有关物质 Related substances	除甲钴胺峰外任一杂质峰面积不大于甲钴胺峰面积的 0.5% Each area of the peaks other than mecobalamin is not more than 0.5% of the peak area of mecobalamin	0.3%
	除甲钴胺峰外,其它峰总面积不大于 2.0% The total area of the peaks other than mecobalamin is not more than 2.0%	1.0%
丙酮 Acetone	≤5000ppm	28ppm
微生物指标 Microbiological Tests		
菌落总数 Total plate count	≤1000cfu/g	符合 Conforms
酵母&霉菌 Yeasts & moulds	≤100cfu/g	符合 Conforms
结论 Conclusion	符合企业标准 Conforms to In-house standard.	

Tested by: Tiantian Wang

Checked by: Hong Chen

