

质量报告单

CERTIFICATE OF ANALYSIS

产品名称 Product Name	维生素 D3 Vitamin D3	CAS NO	67-97-0
生产批号 Batch No	200507	生产日期 Manufacture Date	May.01, 2020
批次数量 Batch Quantity	20 kgs	报告日期 Reporting Date	May.02, 2020
执行标准 Specificatio	企业标准	复测日期 Retest Date	May.20, 2020
Product Description	The crystal product consists of 40,000,000IU/g of Vitamin D3 (USP) .		
检验项目 Analysis items	规格 Specification		检测结果 Results
外观 Appearance	白色结晶性粉末 A white crystalline powder		符合规定 Conform
鉴别 Identification	红外 Infrared Absorption	本品红外光吸收图谱应与标准品的红外光吸收图谱一致 The IR spectrum of sample corresponds to that spectrum of Cholecalciferol Crystalline Reference Standard.	符合规定 Conform
	显色试验 Color Test	由亮红色迅速转变成紫色到蓝色到绿色 A bright red color is produced, and it rapidly changes through violet and blue to green.	符合规定 Conform
杂质 Impurities	7- 去氢胆固醇 7 -Dehydrocholesterol	NMT0.5%	符合规定 Conform
	其他杂质 Other individual related compound	NMT0.1%	符合规定 Conform
	总杂质 Total impurities	NMT1.0%	符合规定 Conform
比旋度[α] _{D20} Spec fic rotation	+105. 0°~ +112.0°	+ 108.23 °	
含量 (HPLC) Assay	97. 0%~103. 0% (C ₂₇ H ₄₄ O)	98.56%	
结论 Conclusion	This batch meets the specifications of QB		

QC Manager: Feng Miao

Checker: Jun Wu

Reporter: Rong Yao

