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VCR-25B/303



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CERTIFICATE OF ANALYSIS

PRODUCT NAME 产品名称	Vitamin B ₂ (Riboflavin) 维生素 B ₂ (核黄素)	MFG DATE 生产日期	2024.09.26
BATCH NO. 批号	V701-2409006	EXP DATE 有效期	2027.09.25
PACKING 包装	25kg/drum 25kg/桶	QUANTITY 数量	450kg
Test items 检测项目	USP2021 标准	Test results 检测结果	Test method 检测方法
Description 性状	Yellow or orange yellow crystalline powder 黄色或橙黄色结晶性粉末	Conforms 符合	Visual 目测法
Identification 鉴别	Intense yellowish-green fluorescence that dis-appears upon the addition of mineral acids or alkalies.	Conforms 符合	USP<197>
Lumiflavin 感光黄素	Absorbance of the filtrate at 440nm does not exceed 0.025	0.009	USP<857>
Specific rotation 比旋度	-115° ~ -135°	-118.0°	USP <781S>
Assay 含量	98.0~102.0%	99.1%	USP<853>
Loss on drying 干燥失重	≤1.5%	0.42%	USP <731>
Residue on ignition 灼灼残渣	≤0.3%	0.06%	USP<281>
Lead 铅	≤3ppm	<3ppm	USP<251>
Heavy metals(Pb) 重金属	≤10ppm	<10ppm	USP <231>
Particle Size 粒径	95% passes through 100 mesh	Conforms 符合	USP<786>
Aerobic Plate Count 菌落总数	≤1000CFU/g	<1000CFU/g	USP <2021>
Yeast&moulds 霉菌&酵母菌	≤100 CFU/g	<100 CFU/g	USP <2021>
E. coli 大肠杆菌	Negative/10g 阴性/10g	Conforms 符合	USP<2022>
Salmonella 沙门氏菌	Negative/25g 阴性/25g	Conforms 符合	GB 4789.4-2016

Conclusion 结论: Passed test according to the Standard of USP2021 符合 USP2021 标准

Storage 储存条件: Store in an airtight container at a temperature of 15-30°C and protect from light. 储存于密闭容器中, 温度 15-30°C; 干燥, 避光。

