



Jiangsu Khonor Chemicals Co., Limited

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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	2024.03.03
BATCH NO. 批号	V701-2403003	EXP DATE 有效期	2026.03.02
PACKING 包装	25kg/drum 25kg/桶	QUANTITY 数量	20g
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	≤0.025	0.004	USP<857>
Specific rotation 比旋度	-115° ~ -135°	-124.8°	USP <781S>
Assay 含量	98.0~102.0%	99.0%	USP<853>
Loss on drying 干燥失重	≤1.5%	0.41%	USP <731>
Residue on ignition 炽灼残渣	≤0.3%	0.1%	USP<281>
Lead 铅	≤1ppm	<1ppm	USP<251>
Heavy metals(Pb) 重金属	≤10ppm	<10ppm	USP <231>
Bulk density 松密度	≥0.30g/ml	0.43g/ml	USP <616>
Particle Size 粒径	95% passes through 80 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 阴性	Conforms 符合	USP< 2022>

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

Storage 储存条件: Store in a tightly closed container in a dry place, protected from light。存放在密闭的容器中，干燥，避光。

Examiner: ZhangLi

Checker: ZhangXinxin



QA manager: TianYong