



Xintai Jiahe Biotech Co., Ltd

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CERTIFICATE OF ANALYSIS

PRODUCT NAME 产品名称	Riboflavin 95% DC 核黄素 95% DC	MFG DATE 生产日期	2024.12.05
BATCH NO. 批号	V703-2412001	EXP DATE 有效期	2027.12.04
PACKING 包装	25kg/drum 25kg/桶	QUANTITY 数量	500kg
Test items 检测项目	In-house Standard 企标	Test results 检测结果	Test method 检测方法
Description 性状	A yellow to orange yellow fine granulated powder 黄色至橙黄色细粒状粉末	Conforms 符合	Visual 目测法
Identification 鉴别	Intense yellowish-green fluorescence disappears upon the addition of mineral acids or alkalies	Conforms 符合	USP<197>
Assay 含量	≥95.0%	96.0%	USP<853>
Loss on drying 干燥失重	≤1.5%	0.45%	USP <731>
Arsenic 砷	≤1.5ppm	<1.5ppm	USP<211>
Lead 铅	≤0.5ppm	<0.5ppm	USP<251>
Mercury 汞	≤1.5ppm	<1.5ppm	USP<261>
Cadmium 镉	≤0.5ppm	<0.5ppm	USP<851> AAS
Bulk density 松密度	0.20~0.80g/ml	0.63g/ml	USP 616
Tapped density 紧密度	0.30~0.90g/ml	0.64g/ml	USP 616
Particle Size 粒径	≥80% passes through 20 mesh	83.9%	USP<786>
	≤50%passes through 60 mesh	10.1%	
	≤30%passes through 100 mesh	6.7%	
HPMC	≤3.0%	3.0%	GC
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	Negative 阴性	USP< 2022>
Salmonella 沙门氏菌	Negative 阴性	Negative 阴性	USP< 2022>

Conclusion 结论: Passed test according to the Standard of In-house,符合内控标准

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

Examiner: ZhangLi

Checker: ZhangXinxin

QA manager: TianYong

