

Jiangsu Khonor Chemicals Co., Limited

Address: Rm 1902 Easey Comm Bldg, 253-261, Hennessy RD Wanchai HK

Tel: 86-518-85108858 Fax: 86-518-85108858

<https://www.khonorchem.com/>

CERTIFICATE OF ANALYSIS

PRODUCT NAME 产品名称	Riboflavin 5'-sodium phosphate 核黄素 5'-磷酸钠	MFG DATE 生产日期	2024.03.11
BATCH NO. 批号	V702-2403002	EXP DATE 有效期	2026.03.10
PACKING 包装	25kg/drum 25kg/桶	QUANTITY 数量	20kg
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 to orange yellow crystalline powder 黄色或橙黄色结晶性粉末	Conforms 符合	Visual 目测法
鉴别 Identification	应呈正反应 Be Positive	均呈正反应 Positive	USP 191
pH	5.0~6.5	5.9	USP 791
Specific rotation 比旋度	+37.0° ~+42.0°	+39.2°	USP 781S
Limit Of Lumiflavin 感光黄素	≤0.025	0.011	USP 857
游离核黄素及核黄素二磷酸盐 Free Riboflavin or Riboflavin di-Phosphate	≤6.0%	4.9% 3.4%	USP 621
游离磷酸 Free Phosphate	A 样品溶液 ≤ A 对照溶液 A sample solution ≤ A control solution (NMT 1% as PO4)	Conforms 符合	USP 857
干燥失重 Loss on drying	≤7.5%	5.5%	USP 731
炽灼残渣 Residue on ignition	≤25.0%	21.3%	USP 281
含量 Assay	73.0%~79.0%	75.8%	USP 853
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
Coliforms 大肠菌群	Negative 阴性	Conforms 符合	GB 4789.3-2016

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; dry and protect from light. 储存于密闭容器中, 温度 15-30°C; 干燥, 避光。

Examiner: ZhangLi

Checker: ZhangXinxin



QA manager: TianYong