



# 上海联陆实业股份有限公司

## SHANGHAI LIANLU INDUSTRIAL CO., LTD.

### Certificate of Analysis

No.: C04201704002 (Page1/2)

品名 Product Name: 吡哆醛-5-磷酸酯一水合物 Pyridoxal-5-Phosphate Monohydrate

批号 Batch No.: C041704802

批量 Batch Size: 500kg

生产日期 Mfg.Date: Feb.21,2017

有效期 Exp.Date: Feb.20,2019

报告日期 Report Date: May 03,2017

保存期限 Shelf Life: 24months

CAS No.: 41468-25-1

包装 Packing Size: 25kg/Drum

分子量 Molecular Weight: 265.15



项目 Item	标准 Specification	结果 Result	分析方法 Analysis Method
性状 Description	浅黄色或类白色粉末 slightly yellow or off-white powder	conforms	Visual
鉴别 Identification	The retention time of the major peak of product corresponds to that of the standard	conforms	CP <0512>
溶解度 Solubility	Very slightly soluble in water, soluble in alkali-OH Soln.	conforms	CP General Notices
熔点 Melting point	140~145℃	141℃	CP<0612>
水份 Water by KF	≤10.0%	8.0%	CP<0832>
重金属 Heavy metals	≤ 10ppm	< 10ppm	CP<0821>
镉 Cadmium	≤ 0.5ppm	< 0.01ppm	CP<0412>
砷 Arsenic	≤ 1.5ppm	< 0.04ppm	CP<0412>
铅 Lead	≤ 0.5ppm	0.3ppm	CP<0412>
汞 Mercury	≤ 0.1ppm	< 0.01ppm	CP<0412>
pH 值 pH (in 0.25% water)	2.6~3.0	2.8	CP<0631>
残留溶剂 Residual Solvents	Complies to USP38		
甲苯 Toluene	≤890ppm	Non-detect	CP<0861>
乙醇 Ethanol	≤5000ppm	49ppm	
目数 Particle size (Mesh)	100% through 30 mesh	conforms	CP<0982>



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纯度 Purity by HPLC	≥99.0%	99.4%	CP<0512>
含量 Assay	98.5~101.0%	100.4%	CP<0512>
微生物检测 Microbe. Test:			
细菌总数 Total Plate Count	≤1000CFU/g	<10CFU/g	CP<3300>
酵母菌及霉菌 Yeast & Mold	≤100CFU/g	<10CFU/g	
沙门氏菌 Salmonella	Negative	Negative	
大肠杆菌 E.Coli	Negative	Negative	
金黄色葡萄球菌	Negative	Negative	
Staphylococcus Aureus			
绿脓杆菌 P.Aeruginosa	Negative	Negative	
结论 Conclusion: 本品符合企业标准 The product conform to the enterprise standard			

