



Jiangxi Lianlu Bio-Technology Co., Ltd.

Add: No. 99 Changjiang Avenue, Wanzai Industrial Park, Yichun City, Jiangxi Province,
336100 China

Tel: +86-795-8308186

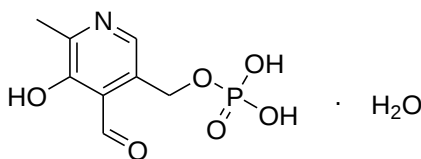
Fax: +86-795-8308186

Specification of Pyridoxal-5-phosphate

Molecular formula: $C_8H_{10}NPO_6 \cdot H_2O$

Molecular weight: 265.15

Structural formula:



CAS#: 41468-25-1

Test items	In-house Standard	Analytical method
Description	Slight yellow or off-white powder	Visual
Identification	The retention time of the major peak in the chromatogram of Assay preparation corresponds to that of the standard preparation	ChP<0512>
Solubility	Sparingly soluble in water, soluble in alkali-OH Soln.	ChP General Notices
Water	≤ 10%	ChP<0832>
Melting range	140~145°C	ChP<0612>
pH Value	2.6~3.0	ChP<0631>
Particle size	≥90% pass through 30 mesh	ChP<0982>
Relevant substances Vitamin B6	≤0.05%	ChP<0512>
Heavy metals Cadmium Arsenic Lead Mercury	≤ 10ppm ≤ 0.5ppm ≤ 1.5ppm ≤ 0.5ppm ≤ 0.1ppm	ChP<0821> ChP<0412> ChP<0412> ChP<0412> ChP<0412>
Residual solvents Toluene Ethanol	≤ 890ppm ≤ 5000ppm	ChP<0861> ChP<0861>
Assay(As P5P, on dried basis)	98.5 ~ 101.0%	ChP<0512>
Microbe. Test: Total Plate Count	≤1000CFU/g	ChP<1105>



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Test items	In-house Standard	Analytical method
Yeast & Mold	≤ 100 CFU/g	ChP<1105>
Salmonella	Negative	ChP<1106>
E. Coli	Negative	ChP<1106>
Staphylococcus Aureus	Negative	ChP<1106>

全亮

(Signed) Date: June 9th, 2024

QianLiang

(Name)

QA Director

(Designation & Department)

