

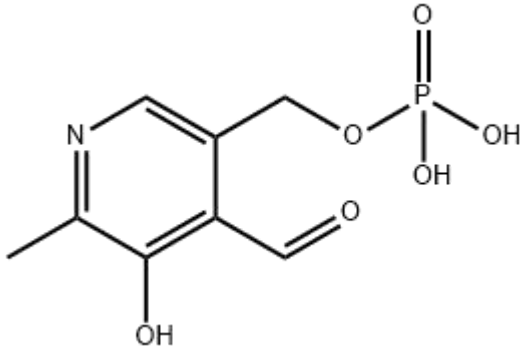


# Wuhan HengHeDa Pharm Co., Ltd

Tel:86-27-84888681 Fax:86-27-84888682

Wuhan Economic & Technological Development Zone, Wuhan, China

## CERTIFICATE OF ANALYSIS

Product name	Pyridoxal-5-phosphate monohydrate	
CAS NO	54-47-7	
Molecular formul	C <sub>8</sub> H <sub>10</sub> NO <sub>6</sub> P	
Molecular weight	247.14	
Quantity	50kg	
Batch NO	HHD20220513	
Production date	2022.05.13	
Expiry Date	2024.05.12	
Test based on enterprise standard		
Test Item	Specification	Result
Appearance	slightly yellow or off-white powder	conforms
Identification	The retention time of the major peak of product corresponds to that of the standard	conforms
Solubility	Very slightly soluble in water, soluble in alkali-OH Soln.	conforms
Melting point	140-145°C	142°C

Loss on Drying	$\leq 0.5\%$	0.48%
Heavy metals	$\leq 10\text{ppm}$	< 10ppm
Cadmium	$\leq 0.5\text{ppm}$	< 0.01ppm
Arsenic	$\leq 1.5\text{ppm}$	< 0.040ppm
Lead	$\leq 0.5\text{ppm}$	< 0.1ppm
Mercury	$\leq 0.1\text{ppm}$	< 0.010ppm
pH (in 0.25% water)	2.6-3.0	2.7
Particle size (Mesh)	90% through 30 mesh	conforms
Vitamin B6	$\leq 0.05\%$	Not Detected
Residual Solvents	Complies to USP38	Not Detected
Purity(HPLC)	98.5-101.0%	98.9%
Total Plate Count	$\leq 1000\text{CFU/g}$	< 10CFU/g
Yeast & Mold	$\leq 100\text{CFU/g}$	< 10CFU/g
Salmonella	Negative	Negative
E.Coli	Negative	Negative
Staphylococcus Aureus	Negative	Negative

Storage	Store in cool & dry place, keep away from strong light and heat.
Shelf life	2 years when properly stored.
Conclusion: This product complies with above specification.	

Inspector

Director



Shen Wu

King Yang