

### Certificate of Analysis

<b>Product Name</b>	Vitamin B6 (P-5-P)	<b>Manufacture Date</b>	2025-01-19
<b>Batch Number</b>	XJKP5P250119	<b>Analysis Date</b>	2025-01-21
<b>Batch Quantity</b>	1000Kg	<b>Expiry Date</b>	2028-01-18

ITEM	SPECIFICATION	RESULTS	METHOD
Assay (as C <sub>8</sub> H <sub>10</sub> NO <sub>6</sub> P, on dry basis)	98.5~101.0%	99.0%	CP<0512>
Appearance	Slightly yellow or off-white powder	Complies	Visual
Identification	The retention time of the major peak of product corresponds to that of the standard	Complies	CP <0512>
Solubility	Very slightly soluble in water, soluble in alkali-OH Soln.	Complies	CP General Notices
Melting point	140~145°C	144°C	CP<0612>
Water by KF	≤ 10.0%	8.0%	CP<0832>
Heavy Metals	≤ 10ppm	< 10ppm	CP<0821>
Pb	≤0.5ppm	< 0.02ppm	CP<0412>
As	≤1.5ppm	< 0.01ppm	CP<0412>
Cd	≤0.5ppm	0.085ppm	CP<0412>
Hg	≤ 0.1ppm	< 0.005ppm	CP<0412>
pH (in 0.25% water)	2.6~3.0	2.9	CP<0631>
Particle size (Mesh)	≥ 90% through 30 mesh	Complies	CP<0982>
Free Vitamin B6	≤0.05%	0.03%	CP<0512>
Bulk density	---	0.32g/ml	USP<616>
Tapped density	---	0.65g/ml	USP<616>
Residual Solvents	Complies to USP43		
Toluene	≤890ppm	7ppm	CP<0861>
Ethanol	≤5000ppm	25ppm	CP<0861>
Total plate count	≤1000cfu/g	<100CFU/g	CP<1105>
Yeast and moulds	≤100cfu/g	Complies	CP<1105>
Salmonella	Negative	Negative	CP<1106>
E.Coli	Negative	Negative	CP<1106>
Staphylococcus Aureus	Negative	Negative	CP<1106>
Conclusion:	The product conform to the enterprise standard.		

<b>Packing description:</b>	Sealed export grade drum & double of sealed plastic bag
<b>Storage:</b>	Store in cool & dry place., keep away from strong light and heat
<b>Shelf life:</b>	3 years when properly stored

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