

# WUHAN ONER BIOTECH CO., LTD.

## Certificate of Analysis

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Product Name: Pyridoxal-5-Phosphate

Batch No.: C042108812

Batch Size:500kg

Mfg.Date: Aug.15,2021

Retest Date: Aug.15,2023

Report Date: Aug.26,2021

Packing Size: 25kg/Drum

Item	Specification	Result	Analysis Method
Description	slightly yellow or off-white powder	conforms	Visual
Identification	The retention time of the major peak of product corresponds to that of the standard	conforms	CP <0512>
Solubility	Very slightly soluble in water, soluble in alkali-OH Soln.	conforms	CP General Notices
Melting point	140~145°C	144°C	CP<0612>
Water by KF	≤ 10.0%	8.4%	CP<0832>
Heavy metals	≤ 10ppm	< 10ppm	CP<0821>
Cadmium	≤ 0.5ppm	< 0.01ppm	CP<0412>
Arsenic	≤ 1.5ppm	< 0.040ppm	CP<0412>
Lead	≤ 0.5ppm	< 0.1ppm	CP<0412>
Mercury	≤ 0.1ppm	< 0.010ppm	CP<0412>
pH (in 0.25% water)	2.6~3.0	2.7	CP<0631>
Particle size (Mesh)	90% through 30 mesh	conforms	CP<0982>
B6 Free Vitamin B6	≤0.05%	0.01%	CP<0512>

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Mfg.Date: Aug.15,2021

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Packing Size: 25kg/Drum

Item	Specification	Result	Analysis Method
Bulk density	—	0.35g/ml	USP<616>
Tapped density	—	0.67g/ml	USP<616>
Residual Solvents	Complies to USP38		
Toluene	≤890ppm	Not Detected	CP<0861>
Ethanol	≤5000ppm	46ppm	CP<0861>
Assay (on dry basis)	98.5~101.0%	99.7%	CP<0512>
Microbe. Test:			
Total Plate Count	≤1000CFU/g	<10CFU/g	CP<1105>
Yeast & Mold	≤100CFU/g	<10CFU/g	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.			

