

Certificate of Analysis

Product Name:	Pyridoxal-5-Phosphate
CAS#	41468-25-1
Molecular Formula:	C8H10NPO6·H2O
Molecular Weight:	265.15
Country of Origin:	China
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
B6 (Pyridoxal-5-Phosphate) P5P (HPLC)	≥98.5%	101.68% on dry basis
Moisture Content (Karl-Fischer) (Titration) USP	<10%	8.95%
Aerobic Plate Count	≤1000 cfu/g	<10 cfu/g
Coliforms	≤100 cfu/g	<10 cfu/g
<i>E. Coli</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
Yeast & Mold	≤100 cfu/g	<10 cfu/g
<i>Salmonella</i>	Negative	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion (PureBulk):	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
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	143°C
Heavy Metals	≤10 ppm	<10 ppm
Cadmium (Cd)	≤0.5 ppm	0.101 ppm
Arsenic (As)	≤1.5 ppm	<0.01 ppm
Lead (Pb)	≤0.5 ppm	<0.02 ppm
Mercury (Hg)	≤0.1 ppm	<0.005 ppm
pH (in 0.25% water)	2.6-3.0	2.9
B6 Vitamin B6	≤0.05%	0.04%
Particle Size (Mesh)	≥90% through 30 mesh	Conforms
Bulk Density	-	0.39 g/ml
Tapped Density	-	0.71 g/ml
Conclusion (Manufacturer):	This product conforms to enterprise standards	

Additional Information: Vegan/Vegetarian || BSE/TSE Free || Melamine Free || Gluten-Free || No Pesticides || GRAS - Yes || Sewer Sludge - No || Allergen Free

Sterilization Method: Non-EtO || Non-Irradiation

GMO Statement Non-GMO

Composition: 100% Pyridoxal-5-Phosphate - no binder/excipient

Storage Conditions: **Keep in sealed container under 25°C.**
Keep away from strong light, heat and moisture.

Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Candace Gibson

(This document was produced electronically and is valid without signature.)