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SPECIFICATION SHEET

Product Name	Pyridoxal-5-Phosphate
Sterilization Method	Non- irradiated/Non ETO treated

TESTS	SPECIFICATION
ASSAY	
Assay (a/a)	>99%
Assay (on dried basis)	99.0% to 101.0%
PHYSICAL CONTROL	
Appearance	Slightly yellow or off-white powder
Identification	The retention time of the major peak of product corresponds to that of the standard
Solubility	Very slightly soluble in water, soluble in alkali-OH Soln.
Melting Point	140°C to 145°C
Water by FK	<10%
pH (in 0.25% water)	2.6 to 3.0
Toluene	≤100ppm
Particle Size	≥90% through 30 mesh
Bulk Density	
Tapped Density	
CHEMICAL CONTROL	
Heavy metals	<10ppm
Lead	≤1ppm
Arsenic	≤1ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Chrome	≤1ppm
Al	≤6ppm
Vitamin B6 (Pyridoxine HCL)	≤0.05%
RESIDUAL	
Residual Solvents	Conforms to USP30
Aflatoxin	
MICROBIOLOGICAL CONTROL	
Total plate Count	≤1000cfu/g
Total Yeast & Mold	≤100cfu/g
Coliforms	Negative
E.Coli	Negative
Salmonella	Negative
CONCLUSION	
All results conform to the enterprise standard	

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____

Abdullah Malik (QA)