

Certificate of Analysis

Product Name: Pyridoxal 5'-phosphate monohydrate

Batch Number: SOST-PMD20240612 Batch Quantity: 600kg

Manufacturing Date: 2024-06-12 Analysis Date: 2024-06-12

Certificate Date: 2024-06-15 Packing Size: 25Kg/drum

Testing Items	Testing Standard	Testing Result	Testing Method
Description	Off-white crystalline 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%	8.0%	CP <0832>
Heavy Metals	≤ 10ppm	< 10ppm	CP <0821>
Lead(Pb)	≤ 0.5ppm	< 0.02ppm	CP <0412>
Arsenic(As)	≤ 1.5ppm	< 0.01ppm	CP <0412>
Cadmium(Cd)	≤ 0.5ppm	< 0.08ppm	CP <0412>
Mercury(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	Conforms	CP <0982>
Free Vitamin B6	≤ 0.05%	0.03%	CP <0512>

QC Manager: Guo Shan

QA : Feng Li