

Certificate of Analysis

Date of Testing: 2025-04-09 13:27:39

Date of Next Testing: 2027-03-30 13:27:39

Product Name: **Pyridoxal 5-Phosphate Monohydrate**

CAS Number: 41468-25-1

Specifications & Purity: $\geq 98\%$

Lot #: D2508035

SKU #: **P110916**

Version: **0**

Analysis #: **338243**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
(As)Arsenic	0-2 (ppm)	0.00 ppm
Loss on drying	0-10 (%)	0.60 %
(PO4)Phosphate	0-0.5 (%)	0.20 %
Purity(HPLC)	98-100 (%)	98.93500 %
PH(0.25% in water, 25°C)	2.5-3.5	2.73
Purity(Neutralization titration)	97.5-102.5 (%)	98.00 %
Heavy metals	0-10 (ppm)	0.00 ppm
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (P110916)	White to Yellow to Beige Powder or Crystals	White to Yellow to Beige Powder or Crystals



John Su
QA & QC Manager