

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-01 09:48:38  
Date of Next Testing: 2025-07-21 09:48:38  
Product Name: **Pyridoxal 5-Phosphate Monohydrate**  
CAS Number: 41468-25-1  
Specifications & Purity: 98%  
Lot #: K2108172  
SKU #: **P110916**  
**Analysis:** **257856**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
(As)Arsenic	0-2 (ppm)	0.12 ppm
Loss on drying	0-10 (%)	3.68 %
(PO4)Phosphate	0-0.5 (%)	0.03 %
Purity(HPLC)	98-100 (%)	99.58700 %
PH(0.25% in water, 25°C)	2.5-3.5	2.90
Purity(Neutralization titration)	97.5-102.5 (%)	99.30 %
Heavy metals	0-10 (ppm)	2.10 ppm
Appearance (P110916)	White to Yellow to Beige Powder or Crystals	White to Yellow to Beige Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager