

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-04 16:32:30  
Date of Next Testing: 2025-04-23 16:32:30  
Product Name: **Pyridoxal 5-Phosphate Monohydrate**  
CAS Number: 41468-25-1  
Specifications & Purity: 98%  
Lot #: D2323271  
SKU #: **P110916**  
**Analysis: 159744**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
(As)Arsenic	0-2 (ppm)	2.00 ppm
Loss on drying	0-10 (%)	1.49 %
(PO4)Phosphate	0-0.5 (%)	0.26 %
PH(0.25% in water, 25°C)	2.5-3.5	2.82
Purity(Neutralization titration)	97.5-102.5 (%)	99.99 %
Heavy metals	0-10 (ppm)	2.00 ppm
Purity(HPLC)	98-100 (%)	98.42100 %
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