

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-06 17:13:30
Date of Next Testing: 2024-07-26 17:13:30
Product Name: **Pyridoxal 5-Phosphate Monohydrate**
CAS Number: 41468-25-1
Specifications & Purity: 98%
Lot #: H2202451
SKU #: **P110916**
Analysis: 095237
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 (%)	2.27 %
(PO4)Phosphate	0-0.5 (%)	0.30 %
Purity(HPLC)	98-100 (%)	99.15400 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.90 %
Heavy metals	0-10 (ppm)	2.00 ppm
PH(0.25% in water, 25°C)	2.5-3.5	2.62
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