

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 #: K2108173
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 |



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QA & QC Manager