

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-12 10:37:39  
Date of Next Testing: 2026-06-02 10:37:39  
Product Name: **Pyridoxal hydrochloride**  
CAS Number: 65-22-5  
Specifications & Purity: 99%  
Lot #: 12212227  
SKU #: **P111170**  
Version: **3**  
Analysis #: **366374**  
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Sulfate(SO42-)	0-500 (ppm)	326.83 ppm
Purity(Titration by AgNO3)	98.5-101.5 (%)	99.89 %
Loss on drying	0-0.6 (%)	0.42 %
Melting point	171-175 (°C)	174.96000 °C
Appearance (P111170)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in H2O , very faint turbidity	pass	Pass
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager