

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-13 09:40:21  
Date of Next Testing: 2025-09-02 09:40:21  
Product Name: **Pyridoxal hydrochloride**  
CAS Number: 65-22-5  
Specifications & Purity: 99%  
Lot #: K2127658  
SKU #: **P111170**  
**Analysis:** **275174**  
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-500 (ppm)	185.00 ppm
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	99.53 %
Loss on drying	0-0.6 (%)	0.36 %
Melting point	171-175 (°C)	173.65000 °C
Appearance (P111170)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in H <sub>2</sub> O , very faint turbidity	pass	Pass
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager