

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-04 17:56:12
 Date of Next Testing: 2027-07-25 17:56:12
 Product Name: **Pyridoxal hydrochloride**
 CAS Number: 65-22-5
 Specifications & Purity: $\geq 99\%$
 Lot #: G2528309
 SKU #: **P111170**
 Version: **4**
 Analysis #: **506953**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	1.40000 ppm
Loss on drying	0-0.6 (%)	0.01000 %
Melting point	171-175 ($^{\circ}\text{C}$)	174.57000 $^{\circ}\text{C}$
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	101.50000 %
Appearance (P111170)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in H ₂ O , very faint turbidity	pass	Pass
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager