

Certificate of Analysis

Date of Testing: 2025-06-14 10:19:05

Date of Next Testing: 2027-06-04 10:19:05

Product Name: **Pyridoxal hydrochloride**

CAS Number: 65-22-5

Specifications & Purity: $\geq 99\%$

Lot #: F2506613

SKU #: **P111170**

Version: **4**

Analysis #: **385516**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	21.00 ppm
Loss on drying	0-0.6 (%)	0.01 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.95 %
Melting point	171-175 ($^{\circ}\text{C}$)	174.97000 $^{\circ}\text{C}$
Solubility in H ₂ O , very faint turbidity	pass	Pass
Appearance (P111170)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
NMR Spectrum ¹ H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager