

Certificate of Analysis

Date of Testing: 2024-08-15 14:51:27
Date of Next Testing: 2026-08-05 14:51:27
Product Name: **Pyridoxal hydrochloride**
CAS Number: 65-22-5
Specifications & Purity: 99%
Lot #: B2120144
SKU #: **P111170**
Version: **3**
Analysis #: **399754**
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-500 (ppm)	300.01 ppm
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.03 %
Loss on drying	0-0.6 (%)	0.28 %
Melting point	171-175 (°C)	174.56000 °C
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