

Certificate of Analysis

Date of Testing: 2025-06-19 15:40:41

Date of Next Testing: 2027-06-19 15:40:41

Product Name: **Pyridoxal 5'-phosphate hydrate**

CAS Number: 853645-22-4

Specifications & Purity: $\geq 98\%$

Lot #: F2510674

SKU #: **P136795**

Version: **0**

Analysis #: **384602**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
UV/Vis Absorbance(388-389nm in pH 7.0)	4.99-5.19	5.10
Loss on drying	0-5 (%)	0.83 %
Purity(HPLC)	98-100 (%)	98.38000 %
Appearance (P136795)	Off-White to Yellow to Beige Powder	Off-White to Yellow to Beige Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl , Colorless to Yellow-Green,Clear,50 mg/ml	pass	Pass



John Su
QA & QC Manager