

Certificate of Analysis

Date of Testing: 2023-04-24 16:30:42

Date of Next Testing: 2025-04-23 16:30:42

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

CAS Number: 853645-22-4

Specifications & Purity: ≥98%

Lot #: D2321357

SKU #: **P136795**

Analysis: **032652**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	1.01 %
UV/Vis Absorbance(388-389nm in pH 7.0)	4.99-5.19	5.01
Purity(HPLC)	98-100 (%)	98.25500 %
Appearance (P136795)	Off-White to Yellow to Beige Powder	Off-White to Yellow to Beige Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl , Colorless to Yellow-Green,Clear,50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager