

Certificate of Analysis

Date of Testing: 2024-05-15 16:36:27
Date of Next Testing: 2026-05-15 16:36:27
Product Name: **Pyridoxal 5'-phosphate hydrate**
CAS Number: 853645-22-4
Specifications & Purity: $\geq 98\%$
Lot #: E2413020
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 |



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