

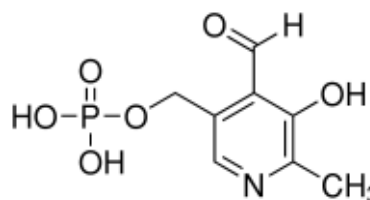
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Pyridoxal 5'-phosphate hydrate - ≥98%

Product Number: P9255
CAS Number: 853645-22-4
MDL: MFCD00006333
Formula: C₈H₁₀NO₆P · xH₂O
Formula Weight: 247.14 g/mol
Storage Temperature: -20 °C



TEST

Specification

| | |
|---------------------------------|-------------------------------|
| Appearance (Color) | Off-White to Yellow to Beige |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless to Lt. Yellow-Green |
| Solubility (Turbidity) | Clear |
| 50 mg/ml, 1M HCl | |
| Proton NMR spectrum | Conforms to Structure |
| Loss on Drying | ≤ 5.0 % |
| UV/Vis absorbance | 4.99 - 5.19 |
| Lambda max 388-389 nm in pH 7.0 | |
| Wavelength | 388 - 389 nm |
| Purity (HPLC) | ≥ 98 % |
| Recommended Retest Period | ----- |
| 3 Years | |

Specification: PRD.2.ZQ5.10000018537

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.