

## Certificate of Analysis

Date of Testing: 2023-09-19 18:04:55  
Date of Next Testing: 2025-09-08 18:04:55  
Product Name: **1-(2-Pyridylazo)-2-naphthol**  
CAS Number: 85-85-8  
Specifications & Purity: 98%  
Lot #: 12315245  
SKU #: **P105818**  
Analysis: **279006**

Parameter	Limit Values	Result
Absorbance(10mg/L, MEtOH, 463.0 - 467.0 nm)	≥0.6	0.62
Purity(HPLC)	98-100 (%)	98.38500%
Melting point	138-143 (°C)	138.02000 °C
Purity(NonaqueousTitration)	97.5-102.5 (%)	101.77%
Sulfate Ash	0-0.3 (%)	0.14%
Appearance (P105818)	orange to red or brown powder	orange to red or brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass
Solubility in MeOH	almost transparency	almost transparency



John Su  
QA & QC Manager