

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-17 11:20:55
 Date of Next Testing: 2027-06-07 11:20:55
 Product Name: **1-(2-Pyridylazo)-2-naphthol (PAN)**
 CAS Number: 85-85-8
 Specifications & Purity: $\geq 98\%$
 Lot #: F2506725
 SKU #: **P105818**
 Version: **1**
 Analysis #: **386578**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Absorbance(10mg/L, MEtOH, 463.0 - 467.0 nm)	≥ 0.6	0.88000
Purity(HPLC)	98-100 (%)	98.20000 %
Melting point	138-143 (°C)	140.50000 °C
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.12700 %
Sulfate Ash	0-0.3 (%)	0.25674 %
Solubility in MeOH	almost transparency	almost transparency
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



John Su
QA & QC Manager