

## Certificate of Analysis

Date of Testing: 2023-04-26 16:45:24  
Date of Next Testing: 2025-04-15 16:45:24  
Product Name: **1-(2-Pyridylazo)-2-naphthol**  
CAS Number: 85-85-8  
Specifications & Purity: 90%  
Lot #: D23191162  
SKU #: **P105817**  
Analysis: **176271**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.03 %
Spectral effective content	90-100 (%)	93.17 %
Melting point	138-142 (°C)	138.69000 °C
Copper complex Moore absorption coefficient	$\geq 2.1 \times 10^4$ L/cm·mol	$\geq 2.1 \times 10^4$ L/cm·mol
Solubility in EtOH,clear,0.1g/100ml	Pass	Pass



John Su  
QA & QC Manager