

## Certificate of Analysis

Date of Testing: 2025-04-14 11:11:39  
Date of Next Testing: 2027-04-04 11:11:39  
Product Name: **Phenosafranine**  
CAS Number: 81-93-6  
Specifications & Purity:  $\geq 80\%$   
Lot #: G2326876  
SKU #: **P100612**  
Version: **0**  
Analysis #: **493640**

Parameter	Limit Values	Result
Extinction Coefficient(517 - 523 nm,c = 0.005g/L; H <sub>2</sub> O)	$\geq 29000$	36230.30
Carbon by Elemental Analysis	$\geq 46.7(\%)$	60.52 %
Nitrogen by Elemental Analysis	$\geq 12(\%)$	15.80 %
Extinction Coefficient( $\lambda$ :270 - 276 nm)	$\geq 30000$	36453.00
Appearance (P100612)	Powder	Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager