

Certificate of Analysis

Date of Testing: 2024-09-13 11:45:18
Date of Next Testing: 2028-09-12 11:45:18
Product Name: **Nigrosine water soluble**
CAS Number: 8005-03-6
Specifications & Purity: Biological stain
Lot #: K2021077
SKU #: **N109169**
Version: **1**
Analysis #: **411012**

Parameter	Limit Values	Result
Lambda max	294-304 (nm)	294.00 nm
Lambda max.2	574-584 (nm)	574.00 nm
Absorbance(E1%1cm)(H2O, 294.0 to 304.0 nm) (anhydrous)	≥400	404.00000
Absorbance(E1%1cm)(H2O, 574.0 to 584.0 nm) (anhydrous)	≥200	210.60000
Appearance (N109169)	Brown to Black Powder or Crystalline Powder	Brown to Black Powder or Crystalline Powder
Solubility in H2O , Dark Blue to Dark Purple to Blue-Purple,c = 0.1%	pass	Pass



John Su
QA & QC Manager