

## Certificate of Analysis

Date of Testing: 2024-09-10 17:33:52  
Date of Next Testing: 2028-09-09 17:33:52  
Product Name: **Congo red**  
CAS Number: 573-58-0  
Specifications & Purity: indicator  
Lot #: I2402570  
SKU #: **C100174**  
Version: **1**  
Analysis #: **401251**

Parameter	Limit Values	Result
Dye Content	35-100 (%)	90.14%
Appearance (C100174)	Powder	Powder
Solubility, Red to Brown (1 mg/mL, H <sub>2</sub> O)	pass	Pass
Visual transition interval pH3.0 (Blue-Violet) to pH5.2 (Red-Orange)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager