

## Certificate of Analysis

Date of Testing: 2024-01-11 16:47:34  
Date of Next Testing: 2028-01-10 16:47:34  
Product Name: **Congo red**  
CAS Number: 573-58-0  
Specifications & Purity: indicator  
Lot #: A2404273  
SKU #: **C100174**  
Analysis: **093068**

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Dye Content  | 35-100 (%)            | 92.80%                |
| Appearance (C100174)   | Powder                | Powder                |
| Solubility,Red to Brown(1 mg/mL, H2O)                              | 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