

## Certificate of Analysis

Date of Testing: 2022-12-14 16:08:50  
Date of Next Testing: 2026-12-13 16:08:50  
Product Name: **Neutral red**  
CAS Number: 553-24-2  
Specifications & Purity: indicator(pH 6.8-8.0)  
Lot #: K2224172  
SKU #: **N108711**  
**Analysis: 168746**

Parameter	Limit Values	Result
Loss on drying	0-20 (%)	11.18%
Appearance (N108711)	Brown to Black Powder and/or Chunks	Brown to Black Powder and/or Chunks
PH Transition interval,6.8(red)-8.0(yellow)	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Dark Red to Very Dark Red,c = 10mg/ml	pass	Pass



John Su  
QA & QC Manager