

## Certificate of Analysis

Date of Testing: 2024-09-19 10:11:09  
Date of Next Testing: 2026-09-09 10:11:09  
Product Name: **Cresol red**  
CAS Number: 1733-12-6  
Specifications & Purity: 97%  
Lot #: L2201737  
SKU #: **C100244**  
Version: **0**  
Analysis #: **412407**

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.80000 %
Absorbance(5 mg/L, pH 9.2, 570.0 - 574.0 nm)	≥0.63	0.81
Appearance (C100244)	Green to Dark Red or Maroon Powder or Crystals	Green to Dark Red or Maroon Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 50% EtOH	Clear,0.1%	Clear,0.1%
Visual Interval,pH 7.2(Yellow) to pH 8.8(purple)	Conforms	Conforms



John Su  
QA & QC Manager