

## Certificate of Analysis

Date of Testing: 2023-06-19 15:40:33  
Date of Next Testing: 2025-06-08 15:40:33  
Product Name: **Chlorophenol red**  
CAS Number: 4430-20-0  
Specifications & Purity: >95.0%(HPLC)  
Lot #: F23101362  
SKU #: **C104982**  
Analysis: **206847**

Parameter	Limit Values	Result
Carbon(Typically)	52.5-56 (%)	54.07%
Absorbance(4 mg/L, pH7.0, 573.0 to 577.0 nm)	≥0.52	0.82
Purity(HPLC)	95-100 (%)	99.64700 %
Appearance (C104982)	Green,Red to Brown Powder,Crystals,Granules,Chunks	Green,Red to Brown Powder,Crystals,Granules,Chunks
PH Transition interval,5.0(yellow) to 6.6(red purple)	Conforms	Conforms
Solubility in 95% EtOH , Clear,c = 10mg/ml (1%), Orange to Red-Orange	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager