

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-13 13:29:43

Date of Next Testing: 2026-03-03 13:29:43

Product Name: **Chlorophenol red**

CAS Number: 4430-20-0

Specifications & Purity: >95.0%(HPLC)

Lot #: J1825185

SKU #: **C104982****Analysis: 329919**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.36590 %
Absorbance(4 mg/L, pH7.0, 573.0 to 577.0 nm)	≥0.52	0.57
Carbon(Typically)	52.5-56 (%)	54.30 %
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 95% EtOH , Clear,c = 10mg/ml (1%), Orange to Red-Orange	pass	Pass

John Su
QA & QC Manager