

## Certificate of Analysis

Date of Testing: 2023-08-02 16:04:10  
Date of Next Testing: 2025-07-22 16:04:10  
Product Name: **Chlorophenol Red sodium salt**  
CAS Number: 123333-64-2  
Specifications & Purity: 70%  
Lot #: C1812073  
SKU #: **C109485**  
Analysis: **258784**

Parameter	Limit Values	Result
Purity	70-100 (%)	75.75%
Appearance (C109485)	Dark brown crystalline powder	Dark brown crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,5.0(yellow) to 6.6(red purple)	Conforms	Conforms
Solubility in H <sub>2</sub> O , clear(0.1% in water)	pass	Pass
$\lambda_{\max}$ 575 nm (0.1 N NaOH)	Pass	Pass



John Su  
QA & QC Manager