

Certificate of Analysis

Date of Testing: 2025-01-18 16:15:45

Date of Next Testing: 2027-01-08 16:15:45

Product Name: **Chlorophenol Red sodium salt**

CAS Number: 123333-64-2

Specifications & Purity: $\geq 70\%$

Lot #: A2514450

SKU #: **C109485**

Version: **0**

Analysis #: **457355**

Parameter	Limit Values	Result
Purity	70-100 (%)	95.02 %
Appearance (C109485)	Yellow to Dark green to Black powder to crystal	Yellow to Dark green to Black powder to crystal
PH Transition interval, 5.0(yellow) to 6.6(red purple)	Conforms	Conforms
Solubility in H ₂ O , clear(0.1% in water)	pass	Pass
$\lambda_{\max}$ 575 nm (0.1 N NaOH)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager