

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-13 17:10:56  
 Date of Next Testing: 2027-12-03 17:10:56  
 Product Name: **Chlorophenol Red sodium salt**  
 CAS Number: 123333-64-2  
 Specifications & Purity:  $\geq 70\%$   
 Lot #: L2510230  
 SKU #: **C109485**  
 Version: **0**  
 Analysis #: **608378**  
 Storage Temperature: Room temperature

| Parameter                                                | Limit Values                                    | Result                                          |
|----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity                                                   | 70-100 (%)                                      | 76.23800 %                                      |
| 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 <sub>2</sub> 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