

## Certificate of Analysis

Date of Testing: 2023-06-09 17:19:55  
Date of Next Testing: 2025-05-29 17:19:55  
Product Name: **Cresol Red sodium salt**  
CAS Number: 62625-29-0  
Specifications & Purity: indicator grade  
Lot #: F23061387  
SKU #: **C121939**  
Analysis: **055102**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	58.6-66.1 (%)	62.50%
Extinction Coefficient( $\lambda$ :422 - 428 nm , c = 0.01g/L, Water)	$\geq 19000$	19001.00
Extinction Coefficient( $\lambda$ :270 - 276 nm , c = 0.01g/L, Water)	$\geq 9000$	9948.49
Appearance (C121939)	Brown to Black Powder or Crystalline Powder	Brown to Black Powder or Crystalline Powder
Solubility,Dark red solution(1mg/ml,water)	pass	Pass
Visual Interval,pH 0.7(Orange) to pH 1.7(Yellow)	Conforms	Conforms
Visual Interval,pH 7.2(Yellow) to pH 8.8(Violet)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager