

Certificate of Analysis

Date of Testing: 2023-10-08 15:10:54
 Date of Next Testing: 2025-09-27 15:10:54
 Product Name: **Cresol Red sodium salt**
 CAS Number: 62625-29-0
 Specifications & Purity: indicator grade
 Lot #: A2214403
 SKU #: **C121939**
Analysis: 282429

Parameter	Limit Values	Result
Carbon by Elemental Analysis	58.6-66.1 (%)	63.20%
Extinction Coefficient(λ :422 - 428 nm , c = 0.01g/L, Water)	≥ 19000	19001.00
Extinction Coefficient(λ :270 - 276 nm , c = 0.01g/L, Water)	≥ 9000	9948.49
Appearance (C121939)	Brown to Black Powder or Crystalline Powder	Brown to Black Powder or Crystalline Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



John Su
 QA & QC Manager