

Certificate of Analysis

Date of Testing: 2022-01-21 09:15:09
Date of Next Testing: 2024-01-11 09:15:09
Product Name: **Cresol Red sodium salt**
CAS Number: 62625-29-0
Specifications & Purity: indicator grade
Lot #: A2214404
SKU #: **C121939**
Analysis: **055102**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	58.6-66.1 (%)	62.50%
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
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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