

Certificate of Analysis

Date of Testing: 2024-05-13 11:07:03

Date of Next Testing: 2026-05-03 11:07:03

Product Name: **Cresol Red sodium salt**

CAS Number: 62625-29-0

Specifications & Purity: indicator

Lot #: K2406134

SKU #: **C121939**

Version: **0**

Analysis #: **356992**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	58.6-66.1 (%)	63.68 %
Extinction Coefficient(λ :422 - 428 nm , c = 0.01g/L, Water)	≥ 19000	19012.43
Extinction Coefficient(λ :270 - 276 nm , c = 0.01g/L, Water)	≥ 9000	9283.84
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