

## Certificate of Analysis

Date of Testing: 2024-07-18 11:46:27  
Date of Next Testing: 2028-07-17 11:46:27  
Product Name: **Acid Red 66**  
CAS Number: 4196-99-0  
Specifications & Purity: Dye content ~60 %  
Lot #: G2411231  
SKU #: **A121933**  
Version: **0**  
Analysis #: **375525**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	≥4.7 (%)	4.83 %
Dye Content	55-100 (%)	99.64 %
EmM	≥19000	19012.36
Carbon by Elemental Analysis	20.9-22.9 (%)	21.82 %
Appearance (A121933)	red to brown powder	red to brown powder
Solubility, Orange to Red, Clear to Slightly Hazy, 1 mg/mL, H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager