

Certificate of Analysis

Date of Testing: 2023-02-07 11:49:05
Date of Next Testing: 2027-02-06 11:49:05
Product Name: **Acid Red 66**
CAS Number: 4196-99-0
Specifications & Purity: Dye content ~60 %
Lot #: A2330504
SKU #: **A121933**
Analysis: **131612**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	≥4.7 (%)	5.30 %
Dye Content	55-100 (%)	91.92 %
EmM	≥19000	19234.00
Carbon by Elemental Analysis	20.9-22.9 (%)	21.30 %
Appearance (A121933)	red to brown powder	red to brown powder
Solubility, Orange to Red, Clear to Slightly Hazy, 1 mg/mL, H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager