

Certificate of Analysis

Date of Testing: 2025-06-11 16:10:08

Date of Next Testing: 2029-06-10 16:10:08

Product Name: **Alizarin yellow R**

CAS Number: 2243-76-7

Specifications & Purity: indicator

Lot #: I2109012

SKU # **A100247**

Version **0**

Analysis #: **522585**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Absorbance (dry basis)	0-0.32	0.32
Purity(HPLC)	98-100 (%)	98.30000 %
Appearance (A100247)	orange to brown powder or crystals	orange to brown powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,10.0(red-yellow) - 12.0(yellow-red)	Conforms	Conforms
Solubility in hot EtOH	almost transparency	almost transparency
Solubility in hot H2O , clear	pass	Pass



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QA & QC Manager