

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-22 10:07:25

Date of Next Testing: 2027-03-21 10:07:25

Product Name: **Alizarin yellow R**

CAS Number: 2243-76-7

Specifications & Purity: indicator

Lot #: C23101205

SKU #: **A100247**

Version: **0**

Analysis #: **730445**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Absorbance (dry basis)	0-0.32	0.16700
Purity(HPLC)	98-100 (%)	98.26300%
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 H ₂ O, clear	pass	Pass



John Su
QA & QC Manager