

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-11 10:55:26

Date of Next Testing: 2026-05-10 10:55:26

Product Name: **Alizarin yellow R**

CAS Number: 2243-76-7

Specifications & Purity: $\geq 98\%$

Lot #: G1425063

SKU #: **A100248**

Version: **0**

Analysis #: **090171**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	20-30 (%)	21.60000 %
Loss on drying	0-10 (%)	5.50000 %
Absorbance(dry basis)(5 mg/L, pH 9.6, 375.0 nm)	0-0.32	0.18000
Purity(HPLC)	98-100 (%)	98.10000 %
Appearance (A100248)	Yellow to Orange to Brown Powder	Yellow to Orange to Brown Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval, 10.0(red-yellow) - 12.0(yellow-red)	Conforms	Conforms



John Su
QA & QC Manager