

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-12 16:59:41
 Date of Next Testing: 2027-03-12 16:59:41
 Product Name: **Alizarin Yellow R sodium salt**
 CAS Number: 1718-34-9
 Specifications & Purity: $\geq 95\%$
 Lot #: C2408076
 SKU #: **A354599**
 Version: **6**
 Analysis #: **317634**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying(105°C)	0-5 (%)	4.40000 %
Assay(UV spectrophotometry)	95-100(%)	95.50000 %
Melting point	252-256 (°C)	253.64000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(A354599)	Brownish yellow to Orange to brown to Yellow-Tan Crystalline powder	Brownish yellow to Orange to brown to Yellow-Tan Crystalline powder
PH Transition Range,10.2(yellow) to 12.0(red)	Conforms	Conforms



John Su
QA & QC Manager