

Certificate of Analysis

Date of Testing: 2024-03-12 16:59:13

Date of Next Testing: 2027-03-12 16:59:13

Product Name: **Alizarin Yellow R sodium salt**

CAS Number: 1718-34-9

Specifications & Purity: $\geq 95\%$

Lot #: C2408074

SKU #: **A354599**

Version: **6**

Analysis #: **317634**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying(105°C)	0-5 (%)	4.40 %
Assay(UV spectrophotometry)	95-100(%)	95.50 %
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



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