

Certificate of Analysis

Date of Testing: 2022-11-03 16:28:39

Date of Next Testing: 2026-11-02 16:28:39

Product Name: **Alizarin yellow R**

CAS Number: 2243-76-7

Specifications & Purity: 98%

Lot #: K2201620

SKU #: **A100248**

Analysis: **151369**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	20-30 (%)	25.10 %
Loss on drying	0-10 (%)	4.61 %
Absorbance(dry basis)(5 mg/L, pH 9.6, 375.0 nm)	0-0.32	0.19
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



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QA & QC Manager