

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-31 10:40:09

Date of Next Testing: 2026-10-30 10:40:09

Product Name: **Alizarin yellow R**

CAS Number: 2243-76-7

Specifications & Purity: indicator

Lot #: J2228220

SKU #: **A100247**

Version: **0**

**Analysis #:** **150088**

Storage Temperature: Room temperature, Desiccated

| Parameter                                                     | Limit Values                       | Result                             |
|---------------------------------------------------------------|------------------------------------|------------------------------------|
| Absorbance (dry basis)                                        | 0-0.32                             | 0.31000                            |
| Purity(HPLC)                                                  | 98-100 (%)                         | 98.47300 %                         |
| 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 <sub>2</sub> O, clear                     | pass                               | Pass                               |



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QA & QC Manager