

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-31 13:49:11

Date of Next Testing: 2027-01-30 13:49:11

Product Name: **Alizarin complexone**

CAS Number: 3952-78-1

Specifications & Purity: Moligand™, ≥95%

Lot #: A2329215

SKU #: **A140206**

Version: **0**

**Analysis #:** **181414**

Storage Temperature: Store at 2-8°C

| Parameter                                                   | Limit Values                                    | Result                                          |
|-------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(HPLC)                                                | 95-100 (%)                                      | 96.01200 %                                      |
| Purity(Neutralization titration)(calcd.on<br>anh.substance) | 93-100 (%)                                      | 95.60000 %                                      |
| Loss on drying                                              | 0-10 (%)                                        | 0.00000 %                                       |
| Appearance (A140206)                                        | Yellow to Orange to Brown Powder<br>or Crystals | Yellow to Orange to Brown Powder<br>or Crystals |
| Proton NMR spectrum                                         | Conforms to Structure                           | Conforms to Structure                           |
| Sensitiveness                                               | passee test                                     | passee test                                     |



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QA & QC Manager