

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-18 17:14:01

Date of Next Testing: 2026-01-17 17:14:01

Product Name: **Alizarin complexone**

CAS Number: 3952-78-1

Specifications & Purity: High-purity, $\geq 98\%$

Lot #: C1813076

SKU #: **A108722**

Version: **2**

Analysis #: **067658**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00300 %
Nitrogen by Elemental Analysis (anhydrous)	3.2-4 (%)	3.57000 %
Carbon by Elemental Analysis(anhydrous)	57.7-60.7 (%)	59.28000 %
Loss on drying	0-10 (%)	5.71550 %
Appearance (A108722)	Yellow to Orange to Brown Powder or Crystals	Yellow to Orange to Brown Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NaOH , Blue to Purple,10 mg/mL	Blue to Purple,10 mg/mL	Blue to Purple,10 mg/mL



John Su
QA & QC Manager