

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-22 11:10:57

Date of Next Testing: 2030-08-21 11:10:57

Product Name: **Alizarin(1,2-DHAQ)**

CAS Number: 72-48-0

Grades & Purity: ≥97%

Lot #: H2617447

SKU #: **A110681**

Version: **0**

Analysis #: **249316**

Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	67.6-72.5 (%)	67.87800 %
Dye content(HPLC)	97-100 (%)	98.23000 %
Extinction Coefficient(λ:564 - 570 nm)	≥12000	15649.00000
Extinction Coefficient(λ:268 - 274 nm)	≥26000	34282.00000
Extinction Coefficient(λ:606 - 612 nm)	≥11000	13526.00000
Extinction Coefficient(λ:227 - 233 nm)	≥13000	19683.00000
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1N NH ₄ OH , Clear to Turbid, Purple to Dark Purple, c = 1 mg/ml	pass	Pass
Visual Interval, pH 5.5 = Yellow	Pass	Pass
Visual Interval, pH 6.8 = Red	Conforms	Conforms



John Su
QA & QC Manager