

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-09 16:27:53
 Date of Next Testing: 2026-12-08 16:27:53
 Product Name: **Alizarin Cyanin Green F**
 CAS Number: 4403-90-1
 Specifications & Purity: AR
 Lot #: L2203047
 SKU #: **A112782**
 Version: **0**
 Analysis #: **148056**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Absorbance(E1%1cm)(H ₂ O, 639.0 - 643.0nm)	≥150	164.07767
Dye content(HPLC)	75-100 (%)	98.69300 %
λ max(H ₂ O)	639-643 (nm)	643.00000 nm
Appearance (A112782)	Green to very dark green powder or crystals	Green to very dark green powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager