

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-10 16:16:02  
Date of Next Testing: 2027-03-09 16:16:02  
Product Name: **2-Amino-3-hydroxyanthraquinone**  
CAS Number: 117-77-1  
Specifications & Purity: 98%  
Lot #: C2307072  
SKU #: **A151431**  
Analysis: **197848**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	99.50%
Appearance(A151431)	Orange to Amber to Dark red powder to crystal	Orange to Amber to Dark red powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager