

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-30 09:23:03
Date of Next Testing: 2027-11-29 09:23:03
Product Name: **1,4-Diamino-2,3-dichloroanthraquinone**
CAS Number: 81-42-5
Specifications & Purity: 93%
Lot #: K2327465
SKU #: **D154750**
Analysis: **290163**

| Parameter | Limit Values | Result |
|--------------------------|------------------------------------------------|------------------------------------------------|
| Purity(HPLC area) | 93-100 (%) | 96.34 % |
| Purity(total nitrogen) | 93-100 (%) | 96.95 % |
| Appearance(D154750) | Gray to Dark purple to Black powder to crystal | Gray to Dark purple to Black powder to crystal |
| Infrared spectrum | conforms to structure | Conforms to Structure |



John Su
QA & QC Manager