

## Certificate of Analysis

Date of Testing: 2023-11-30 09:42:36  
Date of Next Testing: 2027-11-29 09:42:36  
Product Name: **1,4-Diamino-2,3-dichloroanthraquinone**  
CAS Number: 81-42-5  
Specifications & Purity: 93%  
Lot #: K2327302  
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