

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-13 16:28:33  
 Date of Next Testing: 2027-03-13 16:28:33  
 Product Name: **1,5-dinitroanthraquinone**  
 CAS Number: 82-35-9  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: F2312137  
 SKU #: **D134444**  
 Version: **0**  
 Analysis #: **480708**  
 Storage Temperature: Room temperature

| Parameter                      | Limit Values                                       | Result                                             |
|--------------------------------|----------------------------------------------------|----------------------------------------------------|
| Nitrogen by Elemental Analysis | 9.1-9.7 (%)                                        | 9.27000 %                                          |
| Purity(HPLC)                   | 97-100 (%)                                         | 99.80000 %                                         |
| Carbon by Elemental Analysis   | 54.4-58.3 (%)                                      | 56.20000 %                                         |
| Appearance (D134444)           | White to Yellow to Brown Powder,crystals or Chunks | White to Yellow to Brown Powder,crystals or Chunks |
| Proton NMR spectrum            | Conforms to Structure                              | Conforms to Structure                              |



John Su  
 QA & QC Manager