

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-28 16:56:33  
 Date of Next Testing: 2025-10-27 16:56:33  
 Product Name: **2,4-Dinitrophenylhydrazine Hydrochloride**  
 CAS Number: 55907-61-4  
 Specifications & Purity:  $\geq 98\%$ (HPLC)(T)  
 Lot #: J2221112  
 SKU #: **D155053**  
 Version: **0**  
 Analysis #: **155130**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values                                   | Result                                         |
|---------------------------------|------------------------------------------------|------------------------------------------------|
| Purity (Argentmetric Titration) | 97.5-102.5 (%)                                 | 98.30000 %                                     |
| Purity(HPLC)                    | 98-100 (%)                                     | 98.14600 %                                     |
| Water                           | 0-8 (%)                                        | 7.91640 %                                      |
| Appearance (D155053)            | White to yellow to light brown to orange solid | White to yellow to light brown to orange solid |
| Proton NMR spectrum             | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager