

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-28 13:25:34  
Date of Next Testing: 2025-10-27 13:25:34  
Product Name: **2,4-Dinitrophenylhydrazine Hydrochloride**  
CAS Number: 55907-61-4  
Specifications & Purity:  $\geq 98\%$ (HPLC)(T)  
Lot #: J2221111  
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