

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-17 16:32:52  
Date of Next Testing: 2028-12-16 16:32:52  
Product Name: **2,4-Dinitrophenylhydrazine(DNPH)**  
CAS Number: 119-26-6  
Specifications & Purity: AR, ≥98%(HPLC)  
Lot #: L2409333  
SKU #: **D112074**  
Version: **1**  
Analysis #: **438536**  
Storage Temperature: Protected from light,Room temperature,Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.09950 %
Purity(HPLC)	98-100 (%)	99.87200 %
Melting point	196-203 (°C)	202.58000 °C
Appearance (D112074)	Orange to Red Powder,Solid,Crystals and/or Chunks	Orange to Red Powder,Solid,Crystals and/or Chunks
Solubility in 50% Sulfuric acid	Yellow to Green,Clear to Turbid<12.5 ntu,0.5g/50ml	Yellow to Green,Clear to Turbid<12.5 ntu,0.5g/50ml
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitivity to carbonyl	Passes test	Passes test



John Su  
QA & QC Manager