

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-03 11:17:44
 Date of Next Testing: 2029-07-02 11:17:44
 Product Name: **2,4-Dinitrophenylhydrazine(DNPH)**
 CAS Number: 119-26-6
 Specifications & Purity: AR, ≥98%(HPLC)
 Lot #: F2530010
 SKU #: **D112074**
 Version: **1**
 Analysis #: **480282**
 Storage Temperature: Protected from light,Room temperature,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.79600 %
Melting point	196-203 (°C)	202.75000 °C
Ignition Residue (as sulfate)	0-0.1 (%)	0.10000 %
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitivity to carbonyl	Passes test	Passes test



John Su
QA & QC Manager