

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-11 17:41:06
 Date of Next Testing: 2026-08-10 17:41:06
 Product Name: **2,4-Dinitrophenylhydrazine(DNPH)**
 CAS Number: 119-26-6
 Specifications & Purity: AR, ≥98%(HPLC)
 Lot #: H2206893
 SKU #: **D112074**
 Version: **1**
 Analysis #: **118614**
 Storage Temperature: Protected from light,Room temperature,Argon charged

| Parameter | Limit Values | Result |
|---------------------------------|--|--|
| Ignition Residue (as sulfate) | 0-0.1 (%) | 0.09600 % |
| Melting point | 196-203 (°C) | 202.62000 °C |
| Purity(HPLC) | 98-100 (%) | 98.02000 % |
| Appearance (D112074) | Orange to Red Powder,Solid,Crystals and/or Chunks | Orange to Red Powder,Solid,Crystals and/or Chunks |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Sensitivity to carbonyl | Passes test | Passes test |
| 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 |



John Su
QA & QC Manager