

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-14 14:39:40

Date of Next Testing: 2028-03-13 14:39:40

Product Name: **2,4-Dinitrophenylacetic Acid**

CAS Number: 643-43-6

Specifications & Purity: >98.0%(HPLC)

Lot #: E2014125

SKU #: **D154681**

Analysis: **330871**

| Parameter            | Limit Values                             | Result                                   |
|----------------------|------------------------------------------|------------------------------------------|
| Purity(HPLC)         | 98-100 (%)                               | 99.61900 %                               |
| Melting point        | 169-191 (°C)                             | 186.72000 °C                             |
| Appearance (D154681) | white to yellow-brown powder or crystals | white to yellow-brown powder or crystals |
| Proton NMR spectrum  | Conforms to Structure                    | Conforms to Structure                    |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager