

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|--|
| Date of Testing: | 2022-05-13 14:45:20 |
| Date of Next Testing: | 2026-05-12 14:45:20 |
| Product Name: | m-Dinitrobenzene |
| CAS Number: | 99-65-0 |
| Specifications & Purity: | ≥99%(HPLC), for HPLC derivatization, for the detection of steroids |
| Lot #: | E2211250 |
| SKU # | D108543 |
| Version | 0 |
| Analysis #: | 088774 |
| Storage Temperature: | Room temperature |

| Parameter | Limit Values | Result |
|------------------------|---|---|
| Iron(Fe) | 0-5 (ppm) | 0.00000 ppm |
| Chromium(Cr) | 0-5 (ppm) | 0.00000 ppm |
| Potassium(K) | 0-50 (ppm) | 5.00000 ppm |
| Nickel(Ni) | 0-5 (ppm) | 0.00000 ppm |
| Melting point | 89-92 (°C) | 91.17000 °C |
| (Pb)Lead | 0-5 (ppm) | 0.00000 ppm |
| Zinc(Zn) | 0-5 (ppm) | 0.00000 ppm |
| Sodium(Na) | 0-50 (ppm) | 5.00000 ppm |
| Cobalt(Co) | 0-5 (ppm) | 0.00000 ppm |
| Cadmium(Cd) | 0-5 (ppm) | 0.00000 ppm |
| Manganese(Mn) | 0-5 (ppm) | 0.00000 ppm |
| Purity(HPLC) | 98-100 (%) | 99.59900 % |
| Magnesium(Mg) | 0-5 (ppm) | 0.00000 ppm |
| Copper(Cu) | 0-5 (ppm) | 0.00000 ppm |
| Calcium(Ca) | 0-10 (ppm) | 9.21000 ppm |
| Appearance (D108543) | Yellow to Orange to Tan Solid, Powder or Crystals | Yellow to Orange to Tan Solid, Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in hot EtOH | almost transparency | almost transparency |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager