

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-20 17:28:52  
Date of Next Testing: 2026-03-19 17:28:52  
Product Name: **m-Tolualdehyde 2,4-dinitrophenylhydrazone**  
CAS Number: 2880-05-9  
Specifications & Purity: 98%  
Lot #: C2313602  
SKU #: **M333448**  
**Analysis: 183545**  
Storage Temperature: Room temperature, Argon charged

| Parameter           | Limit Values                                      | Result  |
|---------------------|---|---|
| Purity(HPLC)        | 98-100 (%)  | 99.87400 %  |
| Melting point       | 212-215 (°C)                                      | 212.09000 °C                                      |
| Appearance(M333448) | Light Yellow to Brown to Orange Powder to Crystal | Light yellow to Brown to orange powder to crystal |
| Proton NMR spectrum | Conforms to structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager