

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-09 17:29:15  
 Date of Next Testing: 2025-08-08 17:29:15  
 Product Name: **Propionaldehyde 2 , 4-Dinitrophenylhydrazone**  
 CAS Number: 725-00-8  
 Specifications & Purity: analytical standard  
 Lot #: H2307901  
 SKU #: **P135891**  
 Version: **1**  
 Analysis #: **262317**  
 Storage Temperature: Room temperature, Argon charged

| Parameter           | Limit Values                                          | Result                                                |
|---------------------|-------------------------------------------------------|-------------------------------------------------------|
| Melting point       | 148-155 (°C)                                          | 152.30000 °C                                          |
| Purity(HPLC area)   | 98-100 (%)                                            | 99.51700 %                                            |
| Appearance(P135891) | Yellow to Orange to brown Powder, Needles or Crystals | Yellow to Orange to brown Powder, Needles or Crystals |
| Proton NMR spectrum | Conforms to Structure                                 | Conforms to Structure                                 |



John Su  
QA & QC Manager