

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-11 17:09:22  
Date of Next Testing: 2026-12-11 17:09:22  
Product Name: **Crotonaldehyde 2 , 4-Dinitrophenylhydrazone**  
CAS Number: 1527-96-4  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: L2410664  
SKU #: **C132150**  
Version: **1**  
Analysis #: **338780**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	184-191 (°C)	188.30000 °C
Purity(HPLC,total of isomers)	98-100 (%)	98.34000 %
Purity(Neutralization titration)	98-100 (%)	98.20 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager