

## Certificate of Analysis

Date of Testing: 2023-09-21 17:09:23  
Date of Next Testing: 2025-09-20 17:09:23  
Product Name: **Crotonaldehyde 2 , 4-Dinitrophenylhydrazone**  
CAS Number: 1527-96-4  
Specifications & Purity:  $\geq 98.0\%$ (HPLC)  
Lot #: I2315054  
SKU # **C132150**  
**Analysis:** **263442**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	99.60%
Purity(HPLC,total of isomers)	98-100 (%)	98.22500%
Melting point	184-191 (°C)	186.50000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager