

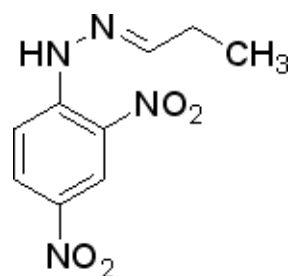
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Product Specification

Product Name:
Propionaldehyde-2,4-dinitrophenylhydrazone – analytical standard, for environmental analysis

Product Number: 429546
CAS Number: 725-00-8
MDL: MFCD00191484
Formula: C₉H₁₀N₄O₄
Formula Weight: 238.2 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
Yellow to Orange to Brown	
Appearance (Form)	Conforms to Requirements
Powder, Needles or Crystals	
Infrared spectrum	Conforms to Structure
Carbon	44.7 - 46.1 %
Nitrogen	23.1 - 23.9 %
Purity (HPLC)	≥ 98.5 %

Remarks:

Reviewing Chemist :

Specification: PRD.0.ZQ5.10000033112

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.