

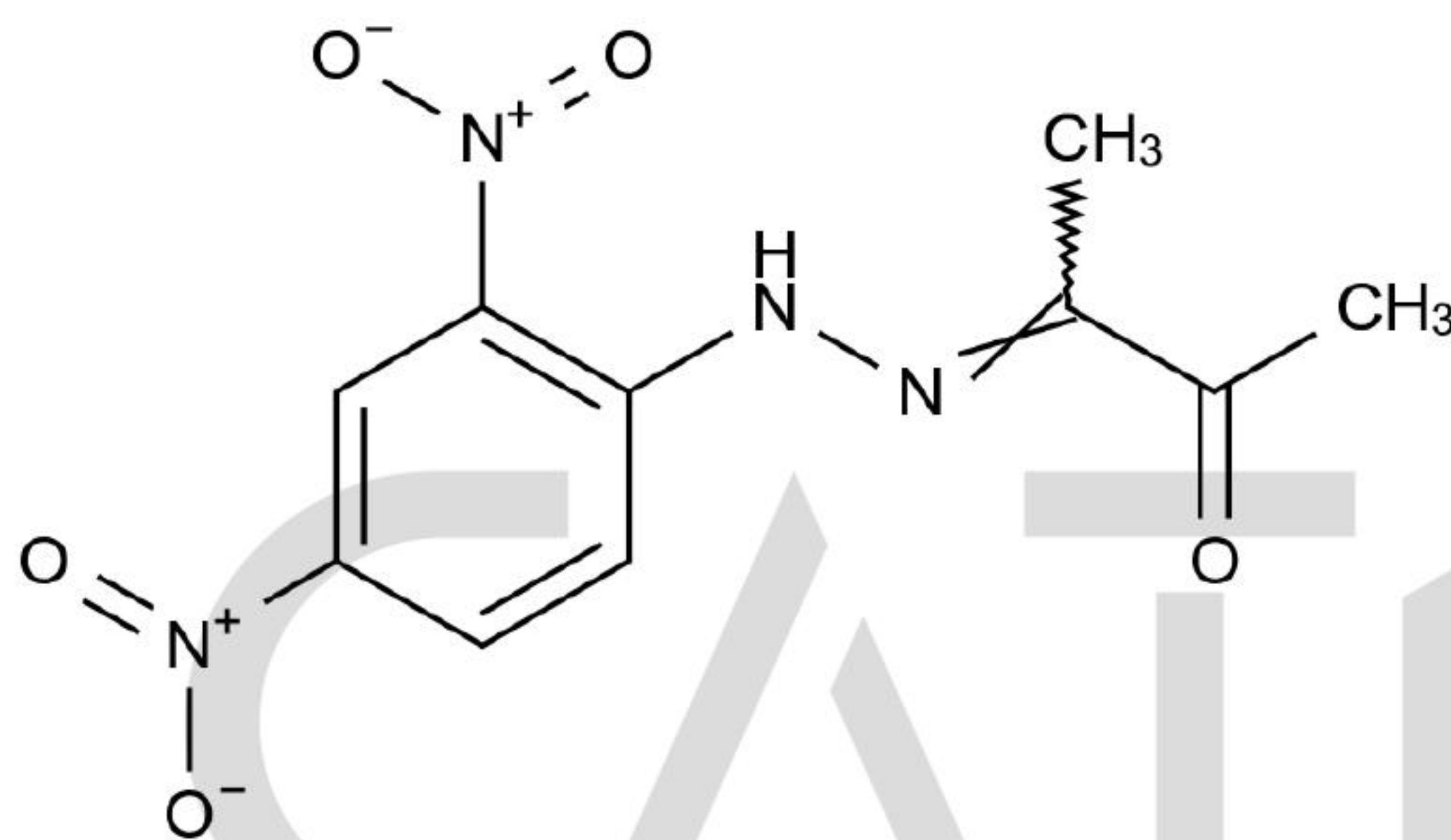
Certificate of Analysis

Reference Material & Standard

Product Name:	Diacetyl 2,4-Dinitrophenylhydrazone	Catalogue Number:	CCHM704980
Synonyms:	N/A	Lot Number:	0728-RG-0003
CAS Number:	2256-00-0	Expiry Date:	Mar 09, 2032
Molecular Formula:	C10H10N4O5	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	266.21	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange to Dark Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.7%
Uncertainty		±0.5%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 29, 2025

Date: Jul 29, 2025

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