

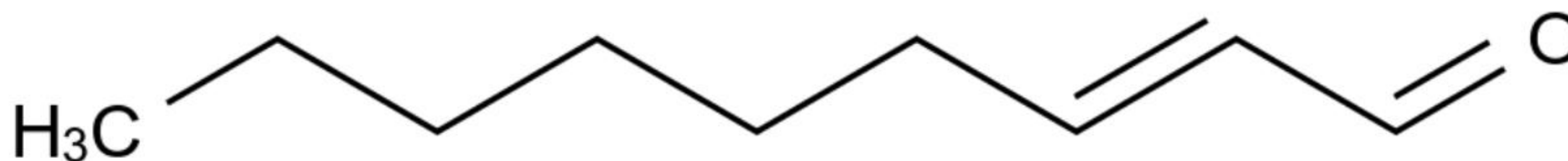
Certificate of Analysis

Reference Material & Standard

Product Name:	trans-2-Nonenal	Catalogue Number:	CCHM703837
Synonyms:	N/A	Lot Number:	0613-RG-0070
CAS Number:	18829-56-6	Expiry Date:	Jun 12, 2028
Molecular Formula:	C ₉ H ₁₆ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	140.22	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	97.2%
Assay	qNMR	86.1%
Uncertainty		±2.4%

Comment:

CATO Research Chemicals Inc.

1. Assay was determined by quantitative ¹H-NMR.
2. 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: Jun 13, 2025

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