

Certificate of Analysis

Reference Material & Standard

Product Name:	2-Nonanone	Catalogue Number:	CCEM500319
Synonyms:	N/A	Lot Number:	1210-RG-0110
CAS Number:	821-55-6	Expiry Date:	Dec 09, 2030
Molecular Formula:	C ₉ H ₁₈ O	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	142.24	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	98.0%
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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 10, 2025

Date: Dec 11, 2025

Date: Dec 11, 2025

