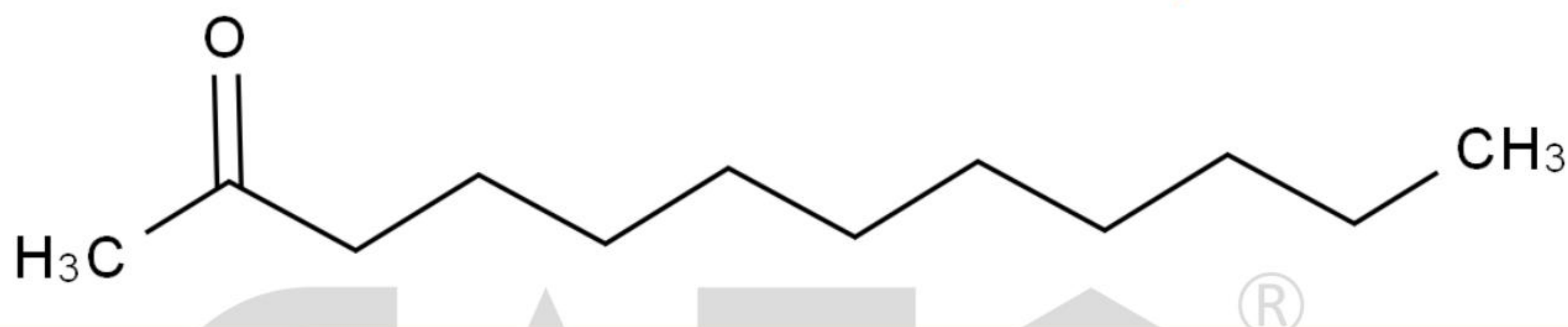


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Dodecanone	Catalogue Number:	CCEM500274
Synonyms:	N/A	Lot Number:	0407-RG-0077
CAS Number:	6175-49-1	Expiry Date:	Apr 06, 2029
Molecular Formula:	C ₁₂ H ₂₄ O	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	184.32	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.6%
Assay	qNMR	86.1%
Uncertainty		±2.0%

Comment:

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: Apr 07, 2025

Date: Apr 07, 2025

Date: Apr 07, 2025

