

Certificate of Analysis

Reference Material & Standard

Product Name:	2-Hexanone	Catalogue Number:	CCEM500289
Synonyms:	N/A	Lot Number:	0809-RF-0030
CAS Number:	591-78-6	Expiry Date:	Aug 08, 2028
Molecular Formula:	C ₆ H ₁₂ O	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	100.16	Warning:	  

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.1%
Assay	qNMR	97.0%
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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 09, 2024

Date: Aug 09, 2024

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