CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

No.: 202512040101

Certificate of Analysis

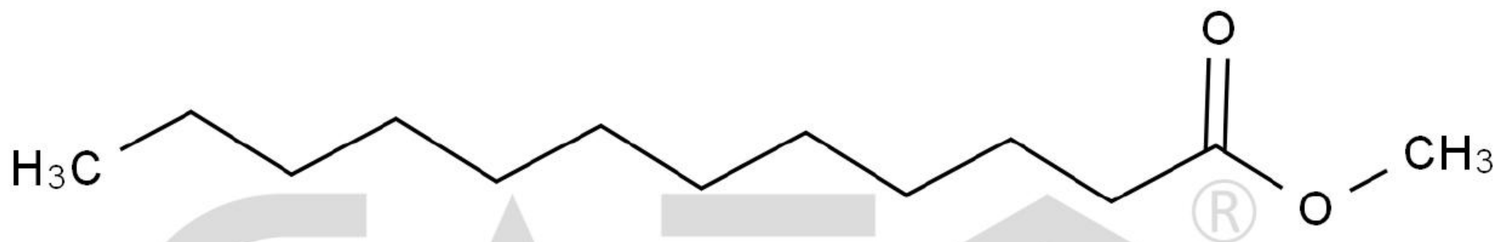
Reference Material & Standard

Product Name:	Methyl Laurate	**Catalogue Number:**	CCFD200116
Synonyms:	N/A	**Lot Number:**	0327-RE-0097
CAS Number:	111-82-0	**Expiry Date:**	Mar 29, 2027
Molecular Formula:	$C_{13}H_{26}O_2$	**Storage:**	Room Temp Protected from light and Sealed
Molecular Weight:	214.34	**Shipping Condition:**	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	98.7%
Uncertainty		±0.5%

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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 Date: Dec 11, 2025

Reviewed by: Hinlam Date: Dec 12, 2025

Approved by General Manager: David Date: Dec 12, 2025

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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