

# Certificate of Analysis

## Methyl laurate (Lauric Acid Methyl Ester) Analytical Standard

<b>Product Number</b>	PSR42902	<b>CAS No.</b>	111-82-0
<b>Brand</b>	PureSynth	<b>Lot No.</b>	M42902P1123
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>26</sub> O <sub>2</sub>	<b>Date of Mfg.</b>	Nov.2023
<b>Molecular Weight</b>	214.35 g/mol	<b>Date of Exp.</b>	Oct.2026

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance	Colorless Liquid	Colorless Liquid
Clarity	Clear	Clear
Assay (By GC)	≥ 99.0 %	99.57 %
Water (By KF)	NMT 0.20 %	0.1190 %
<sup>1</sup> H NMR Spectrum	Conforms to structure	Conforms
IR Spectrum	Conforms to structure	Conforms

**Condition:** Store at room temperature and keep the container tightly closed.

**Remark:** The batch complies with the prescribed quality of the above specification.

Approved By  
Head - Technical

*This is a computer-generated report -does not required sign*

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