

## Certificate of Analysis

### N-Nitrosodiethanolamine

<b>Product Number</b>	PSR37133	<b>CAS No.</b>	1116-54-7
<b>Brand</b>	PureSynth	<b>Lot No.</b>	XHI03M
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub>	<b>Date of Mfg.</b>	March.2023
<b>Molecular Weight</b>	134.13 g/mol	<b>Date of Exp.</b>	Feb.2026

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance	Light yellow to brown liquid	Yellow liquid
Assay (By HPLC)	≥ 98.0 %	99.86 %
Identification by IR	Conforms to structure	Conforms
<sup>1</sup> H NMR Spectrum	Conforms to structure	Conforms
Water (By KF)	NMT 1.0 %	0.19 %
Total impurities	NMT 2.0 %	0.14 %

**Condition:** Store at 2 to 8 °C, keep containers tightly closed in a dark place.  
(This product is stable to be shipped at room temperature).

**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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