

Certificate of Analysis

N-Nitrosoethylisopropylamine (NEIPA)

Product Number	PSR37120	CAS No.	16339-04-1
Brand	PureSynth	Lot No.	N37120CS1123
Molecular Formula	C ₅ H ₁₂ N ₂ O	Date of Mfg.	Nov.2023
Molecular Weight	116.16 g/mol	Date of Exp.	Oct.2027

Test	Specification	Result
Description	Yellow liquid	Yellow liquid
Assay (GC-FID)	≥ 99.0 %	99.71 %
Identification by ¹ H NMR	Conforms to structure	Conforms
Identification by MS	Conforms to molecular mass	Conforms
Identification by IR	Conforms to structure	Conforms

Storage Condition: Store at a temperature of 2-8°C and keep the container tightly closed.

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

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

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com

Assay by GC-FID

METHOD: GC- FID conditions:

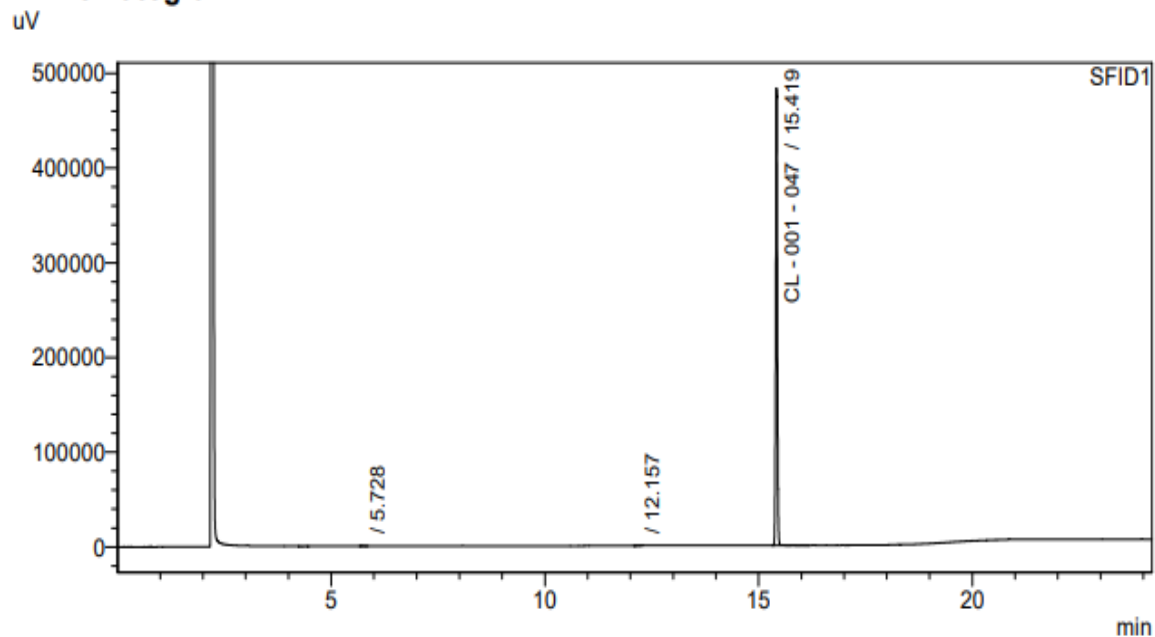
Column: Agilent Technologies DB-FFAP 30mx 0.530mm, 1.0micron

Instrument: PerkinElmer, GC 2014,

Detector: FID, **Carrier gas:** Nitrogen

Temp programming: Initial 50°C hold for 1min, 5°C Ramp/ min., 100 °C hold for 1 min., 25°C Ramp up to 250°C hold for 2 min., Run time 20 min.

<Chromatogram>



<Peak Table>

SFID1

Name	Ret. Time	Area%
	5.728	0.162
	12.157	0.126
CL - 001 - 047	15.419	99.713
		100.000

Purity by GC-FID: 99.71 %

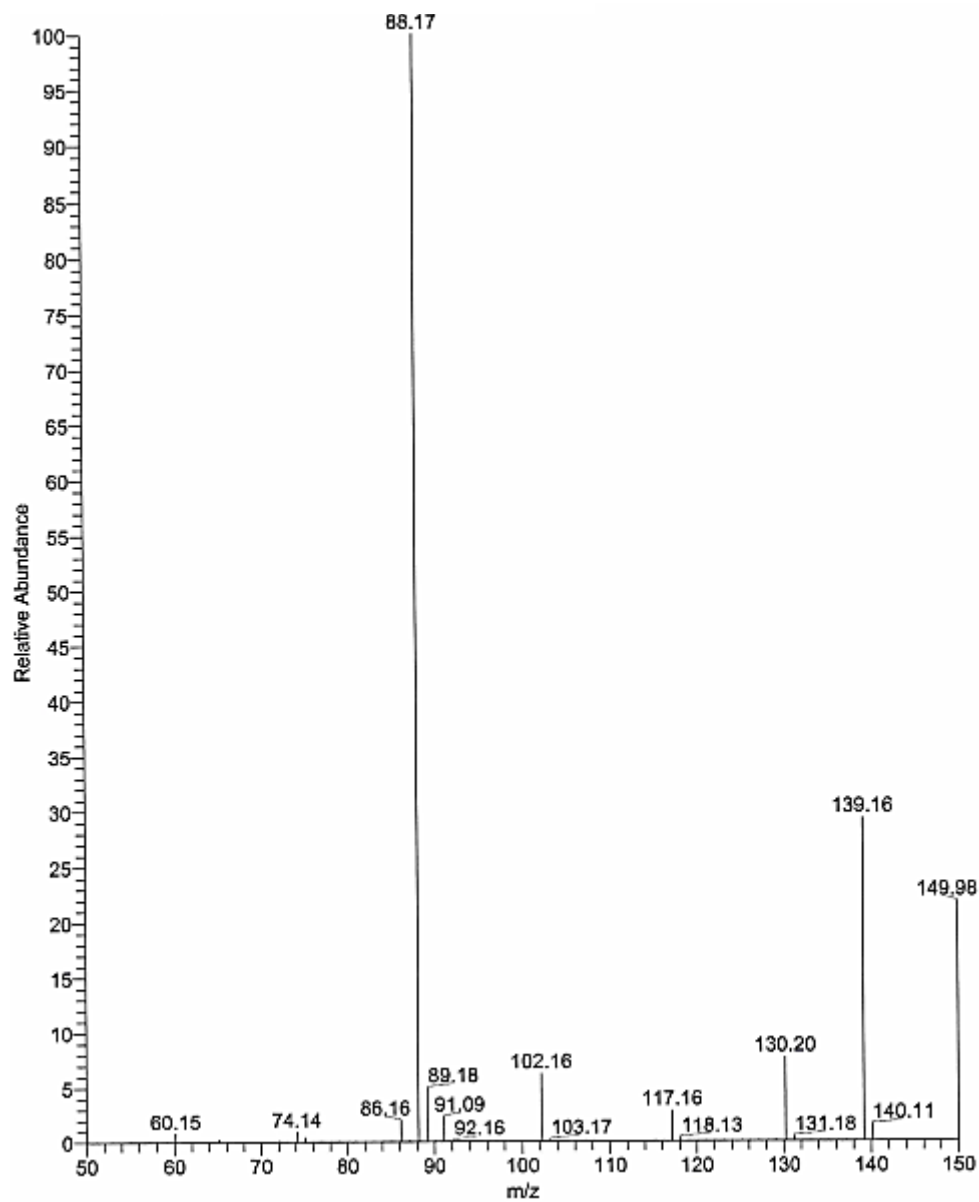
IDENTIFICATION TESTS

MS Spectrum:

Mass by MS:

Product Name: N-Nitrosoethylisopropylamine

Product Code: PSR37120



Identification by GC-MS: Conforms to molecular mass

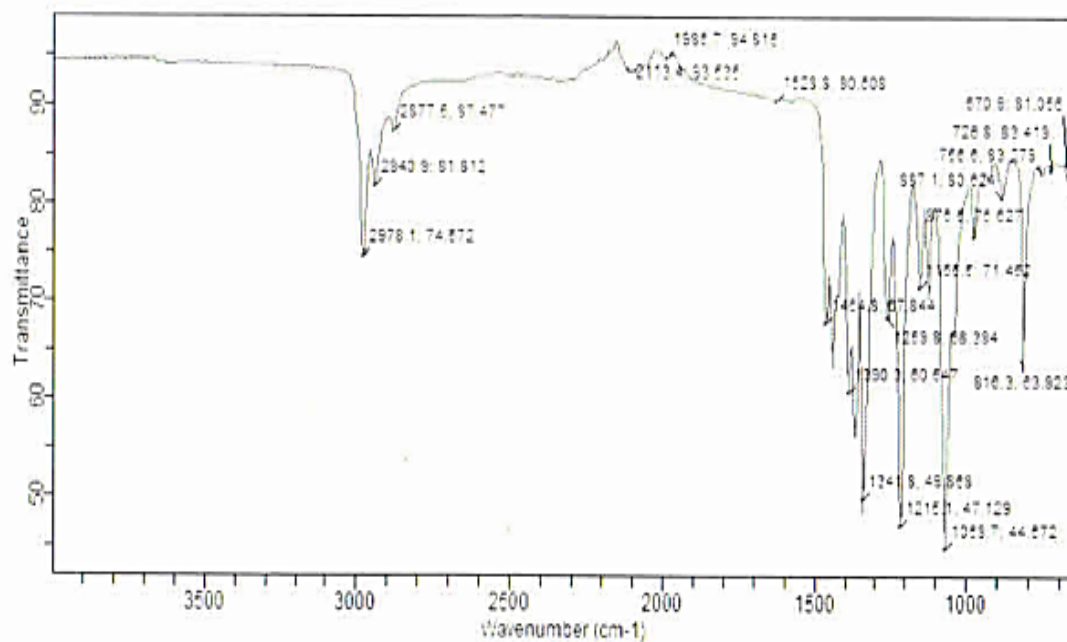
This is a computer-generated report -does not required sign

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com

Infrared spectrum:

Product Name: N-Nitrosoethylisopropylamine

Product Code: PSR37120

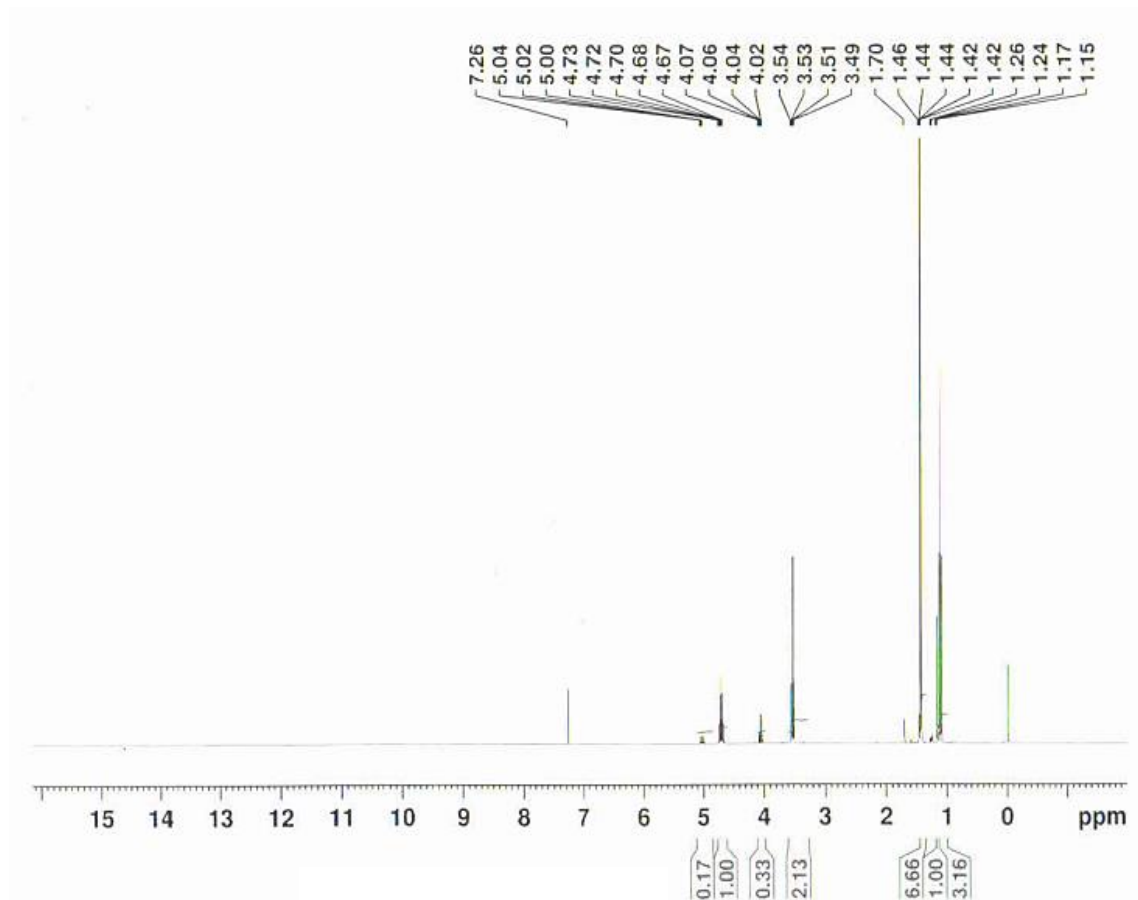


Identification by IR: Conforms to structure

¹H NMR Spectrum:

Product Name: N-Nitrosoethylisopropylamine

Product Code: PSR37120



Identification by ¹H NMR: Conforms to structure

Approved By
Head - Technical

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

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com