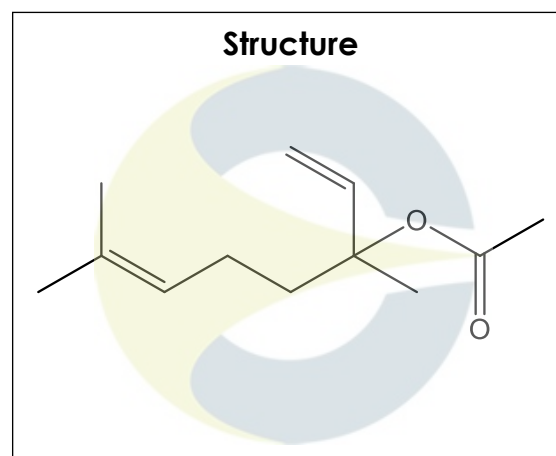


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<b>PRODUCT NAME</b>	Linalyl acetate
<b>PART NUMBER</b>	00012235
<b>STANDARD TYPE</b>	Analytical Standard (AS)
<b>LOT NUMBER</b>	00012235-GLJ
<b>REPORT NUMBER</b>	CDXA-RSS-10002-00
<b>SAMPLE NUMBER</b>	CDXP-22-01096
<b>DATE OF SAMPLE</b>	11/29/2022
<b>DATE OF REPORT</b>	12/06/2022



<b>CHEMICAL NAMES</b>	3,7-Dimethyl-1,6-octadien-3-ol-acetate; Acetic acid linalool ester; Bergamiol; Linalool acetate
<b>CHEMICAL FORMULA</b>	C <sub>12</sub> H <sub>20</sub> O <sub>2</sub>
<b>MOLECULAR WEIGHT (MW)</b>	196.29
<b>CHEMICAL FAMILY</b>	Oils
<b>CAS NUMBER</b>	[115-95-7]
<b>EC#(EINECS)</b>	204-116-4
<b>RTECS</b>	RG5910000

**ANALYTICAL RESULTS**

TEST	METHOD	SPECIFICATION	RESULT
GC	0.700.10.2.METH140	≥ 75%	94.3%
Mass Spectrum	0.700.10.2.METH140	Conforms	Conforms
Appearance	NA	NA	Oil

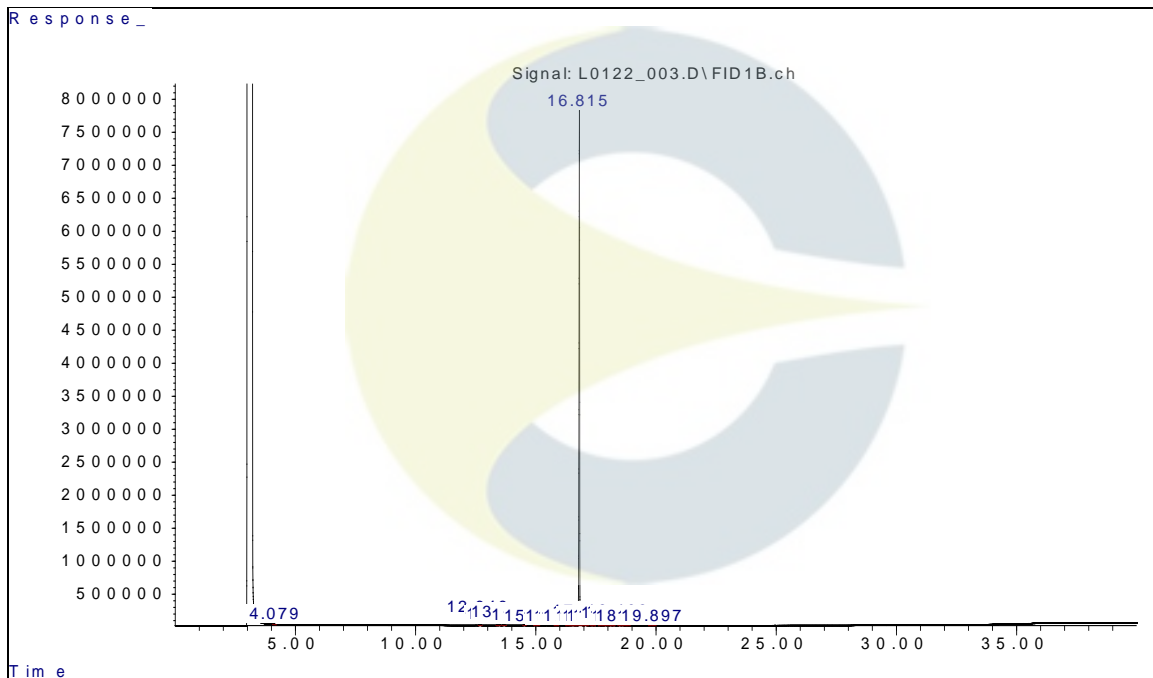
**STORAGE CONDITIONS**

<b>STORAGE</b>	+4 °C in a dry place.
<b>EXPIRATION DATE</b>	11/2027 under the above conditions.

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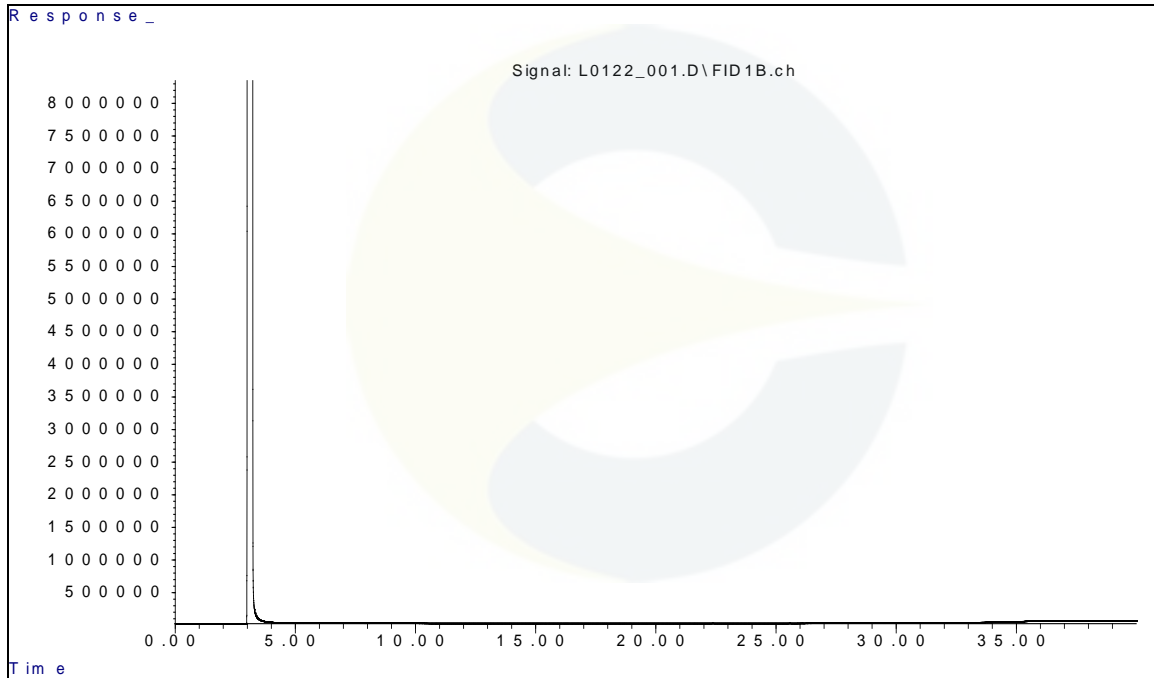
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**ANALYTICAL CONDITIONS**

<b>INSTRUMENT</b>	AGILENT 7890B WITH FLAME IONIZATION DETECTOR (FID) AND AGILENT 5977B MASS SELECTIVE DETECTOR (MSD)
<b>COLUMN</b>	Phenomenex Zebron ZB-5plus, 30 m x 0.32 mm x 0.25 µm
<b>CARRIER GAS</b>	Helium
<b>COLUMN TEMP.</b>	Isothermic 40 °C for 5.0 minutes, then increasing at 10.0 °C/minute to 340 °C. Hold at 340 °C for 5.0 minutes.
<b>FLOW RATE</b>	2.0 mL/minute
<b>INJECTOR TEMP.</b>	300 °C
<b>INJECTOR SPLIT RATIO</b>	20:1
<b>INJECTION VOL.</b>	1.0 µL
<b>INJECTION CONC.</b>	2.9 mg/mL in Methanol
<b>DETECTION</b>	FID (300 °C) & MSD (Transfer line 280 °C, Source 250 °C, Quad 150 °C)

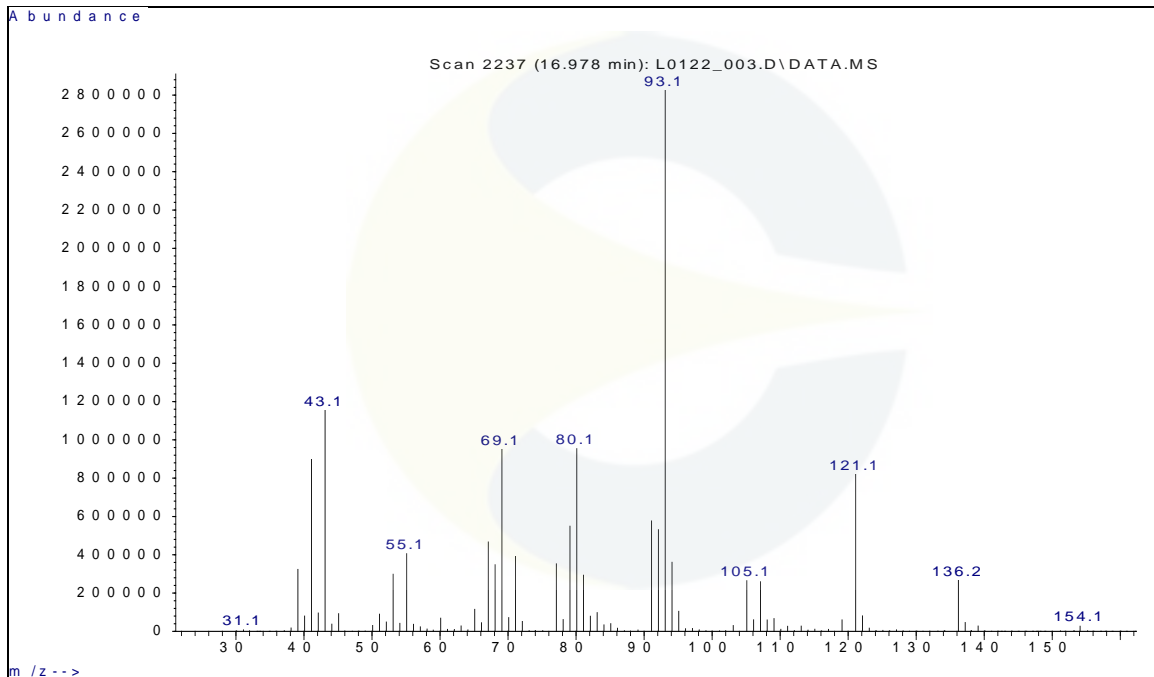
**GC CHROMATOGRAM OF LINALYL ACETATE (CDXP-22-01096)**


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**GC CHROMATOGRAM OF DILUENT BLANK**



**MASS SPECTRUM OF LINALYL ACETATE (CDXP-22-01096)**



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## REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	12/06/2022	New report

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