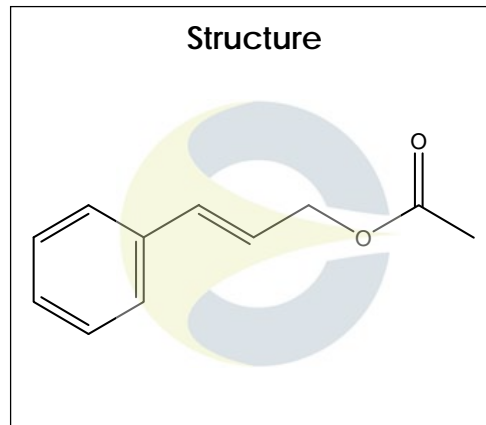


CERTIFICATE OF ANALYSIS

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PRODUCT NAME	Cinnamyl acetate
PART NUMBER	00003658
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00003658-007531
REPORT NUMBER	CDXA-RSS-6808-00
SAMPLE NUMBER	CDXA-15-007531
DATE OF SAMPLE	09/21/2015
DATE OF REPORT	10/16/2015



CHEMICAL NAMES	3-Phenyl-2-propen-1-ol-1-acetate
CHEMICAL FORMULA	C ₁₁ H ₁₂ O ₂
MOLECULAR WEIGHT (MW)	176.21
PUBLISHED MELTING POINT	NA
CHEMICAL FAMILY	Organic esters
CAS NUMBER	[103-54-8]
EINECS	203-121-9
RTECS	GE2275000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
GC	CDXA-CPM-178-00	NA	80.2 %
Mass Spectrum	CDXA-CPM-178-00	Conforms	Conforms
Appearance	NA	NA	Liquid

STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	09/2020 under the above conditions.

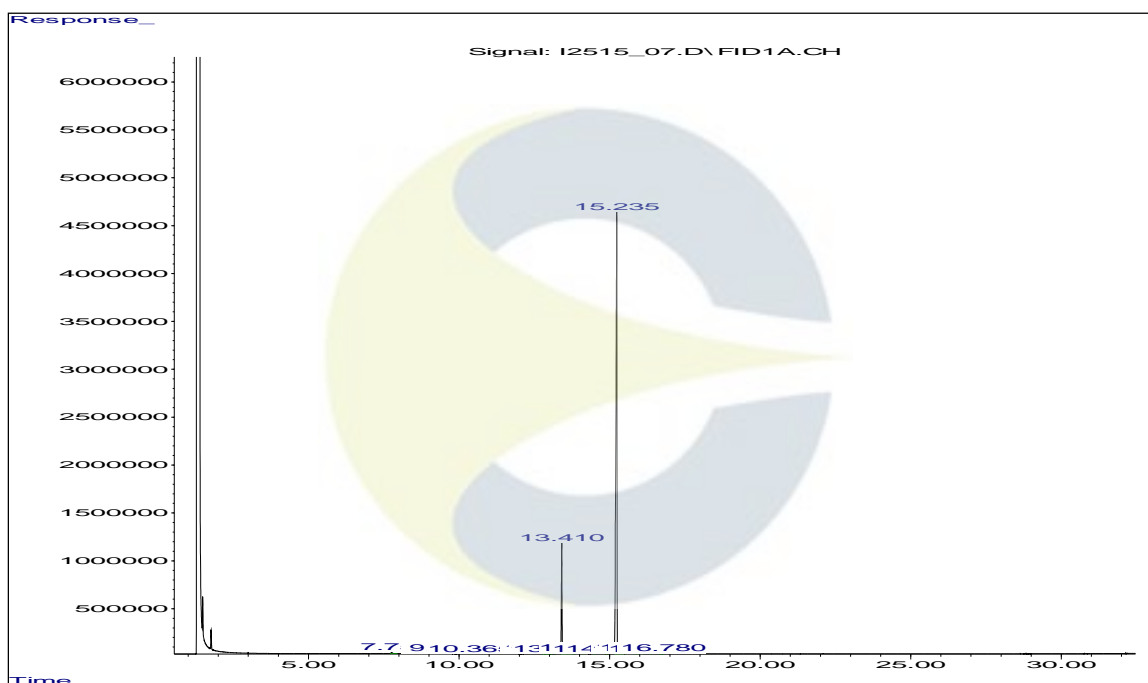
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ANALYTICAL CONDITIONS

INSTRUMENT	AGILENT 6890N WITH 5973N FID AND MSD (LEONARDO)
COLUMN	ZB-5HT Inferno, 30m x 0.32mm x 0.25µm, S/N: 119085 with Y union connecting Restek Siltek deactivated guard columns, 5m x 0.32mm S/N: 1227723 to FID and 5m x 0.32mm S/N: 1242367 to MSD.
CARRIER GAS	Helium
COLUMN TEMP.	40 °C for 4.0 minutes, then increasing at 10.0 °C/minute to 350 °C. Hold at 350 °C for 3.0 minutes.
FLOW RATE	2.0 mL/minute
INJECTOR TEMP.	250 °C
INJECTOR SPLIT RATIO	20:1
INJECTION VOLUME	1.0 µL
INJECTION CONC.	2.0 mg/mL in MeOH
DETECTION	FID (250 °C) & MSD (350 °C)

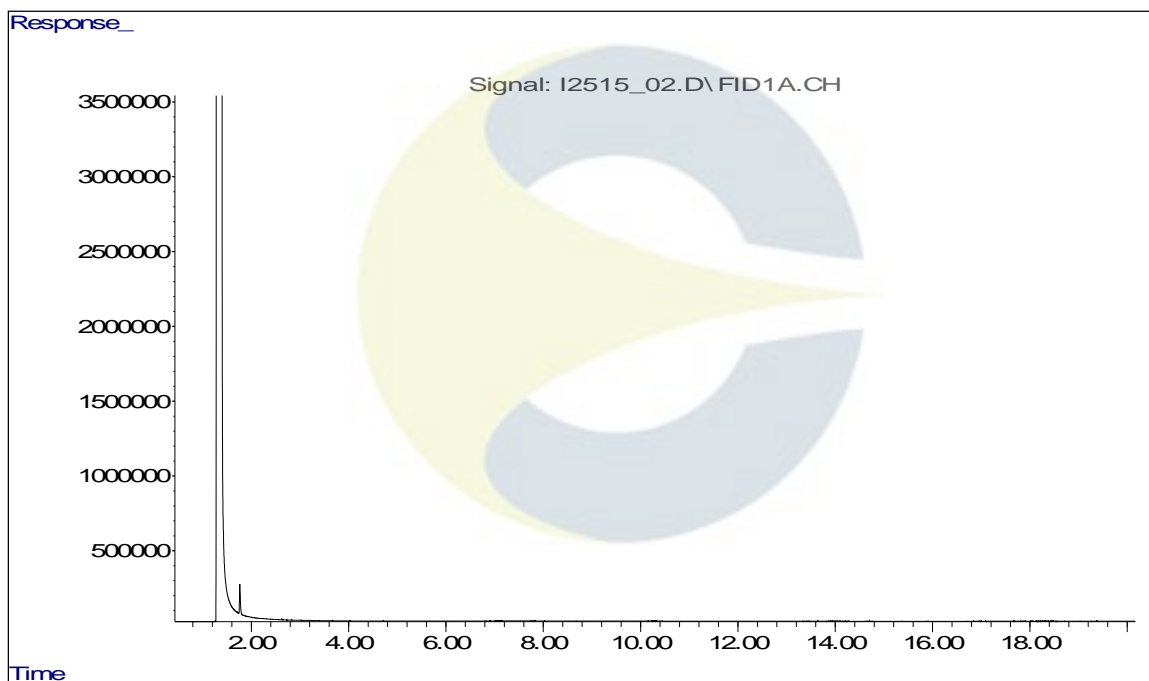
GC CHROMATOGRAM OF CINNAMYL ACETATE (CDXA-15-007531)



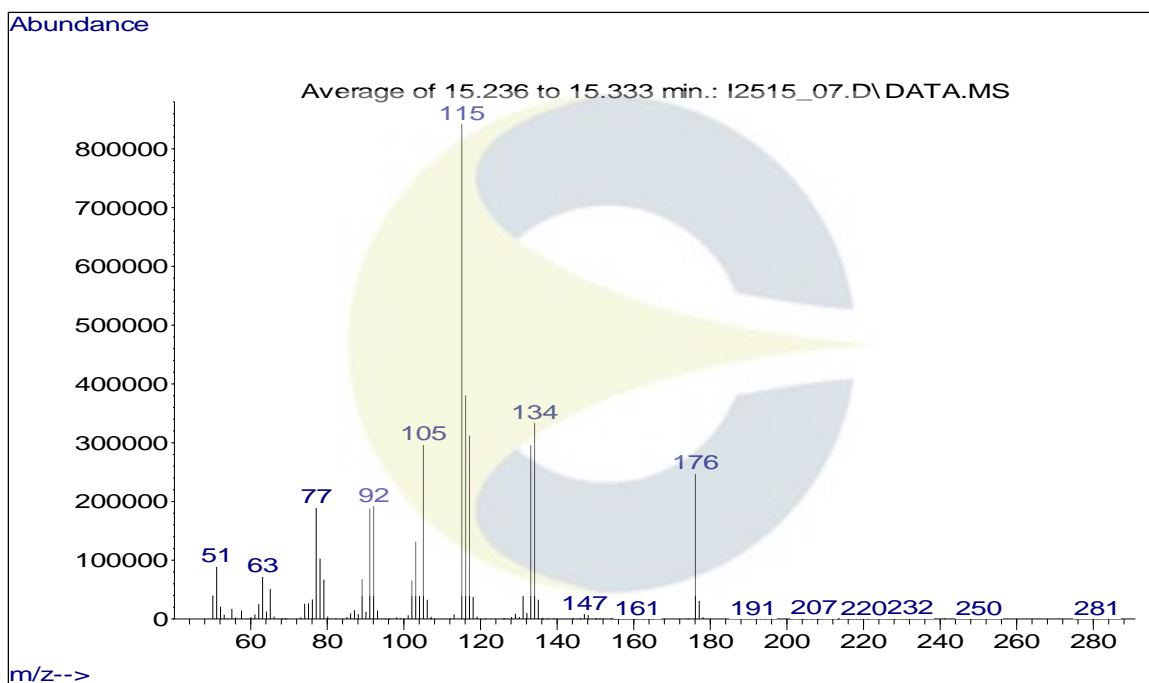
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GC CHROMATOGRAM OF DILUENT BLANK



MASS SPECTRUM OF CINNAMYL ACETATE (CDXA-15-007531)



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REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	10/13/2015	New report