## **Sample Information**

Analyzed by : Dr. Robert S. Pappas : 7/26/2019 9:29:05 PM Analyzed

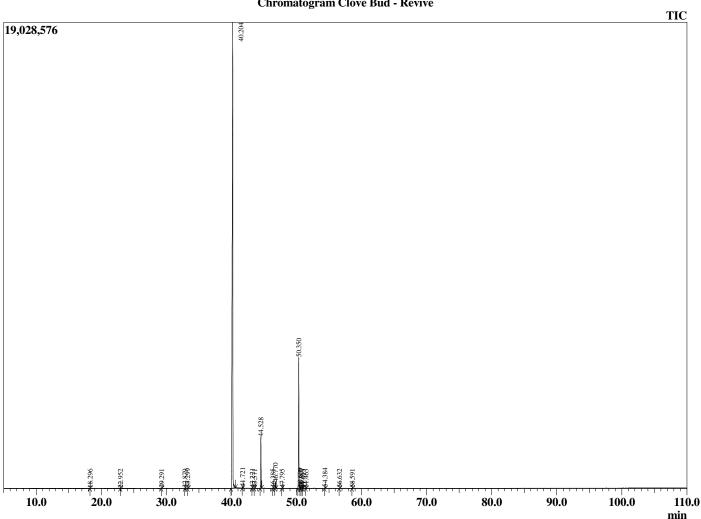
Sample Type : Essential Oil Sample Name : Clove Bud - Revive

Sample ID : E0C0724D

**Injection Volume** : 0.10 **Instrument ID:** : GC-4



## **Chromatogram Clove Bud - Revive**



## **Comments:**

The analysis of this Clove Bud batch sample meets the expected chemical profile for authentic essential oil of Eugenia caryophyllata. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.

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## D- -1- D---- TIC

Peak Report TIC	
Name	Area%
Limonene	0.01
Linalool	0.01
Methyl salicylate	0.04
Carvone	0.02
Chavicol	0.06
Eugenol	79.18
alpha-Copaene	0.14
Methyleugenol	0.03
Unidentified	0.02
beta-Caryophyllene	5.39
Humulen-(v1)	0.02
alpha-Humulene	0.63
trans-Cadina-1(6),4-diene	0.03
Eugenyl acetate	13.98
delta-Cadinene	0.15
cis-Calamenene	0.07
Unidentified	0.02
trans-Cadine-1,4-diene	0.02
Caryophyllene oxide	0.13
Unidentified	0.03
14-Hydroxy-9-epi-Z-Caryophyllene	0.03
	100.00
	Limonene Linalool Methyl salicylate Carvone Chavicol Eugenol alpha-Copaene Methyleugenol Unidentified beta-Caryophyllene Humulen-(v1) alpha-Humulene trans-Cadina-1(6),4-diene Eugenyl acetate delta-Cadinene cis-Calamenene Unidentified trans-Cadine-1,4-diene Caryophyllene oxide Unidentified