



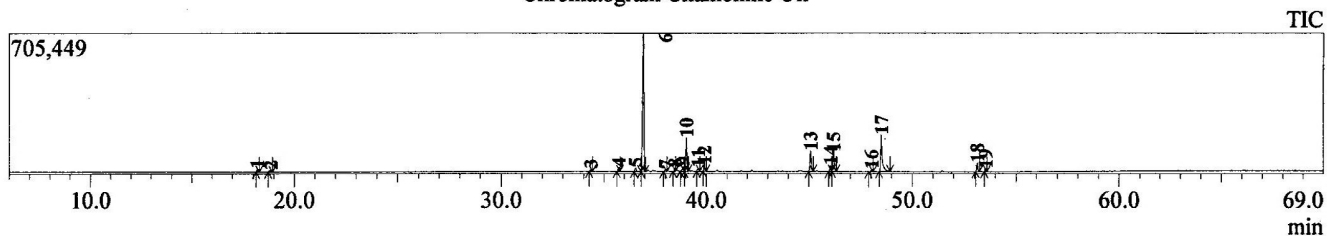
Department of Plant Resources
Thapa Lal Nathmandu
Institute of Natural Sciences
Ministry of Forests and Environment
Department of Plant Resources



Issued To: Sherpa Botanicals Pvt. Ltd.
Sample Name: Chamomile Oil
Sampled by: Customer
Received Date: 3/13/2023
Sample Amount: 5 mL
Report No.: 116
Detector Type: MS
Column Type: RTX-5MS

Sample Type: Essential Oil
Sample ID: IF-156
Analyzed Date: 3/14/2023
Report Issue Date: 3/14/2023
Injection Volume: 1.00 uL
Packing of Sample: Glass Vial
Library Used: FFNSC 4.0 & NIST 2017
Dimension of Column: 60mX0.32mmX0.25um

GCMS Profiling
Chromatogram Chamomile Oil



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	18.198	57596	0.83	.beta.-Ocimene
2	18.840	59426	0.86	Artemisia ketone
3	34.355	56556	0.81	(1R,3aS,5aS,8aR)-1,3a,4,5a-Tetramethyl-1,2,
4	35.724	77086	1.11	Caryophyllene <(E)->
5	36.548	81512	1.17	Aromadendrene
6	36.930	3136020	45.18	(E)-.beta.-Famesene
7	38.019	54092	0.78	
8	38.471	67802	0.98	1,3,6,10-Dodecatetraene, 3,7,11-trimethyl-, (
9	38.865	125335	1.81	Viridiflorene
10	39.030	644689	9.29	Farnesene <(E,E)-, alpha->
11	39.600	66754	0.96	Cadinene <gamma->
12	39.907	120209	1.73	Cadinene <delta->
13	45.083	470574	6.78	Bisabolol oxide B <alpha->
14	46.046	119914	1.73	Bisabolol <epi-, alpha->
15	46.196	429704	6.19	Bisabolone oxide A <alpha->
16	48.033	57153	0.82	Chamazulene
17	48.504	1088550	15.68	2H-Pyran-3-ol, tetrahydro-2,2,6-trimethyl-6-(
18	53.135	167922	2.42	Tonghaosu <(Z)->
19	53.530	60795	0.88	Tonghaosu <(E)->
		6941689	100.00	

Analyzed By

Checked By

1. The above results refer only to the submitted sample and test performed.
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3. Test report shall not be reproduced, except in full, without the written consent of the laboratory.
4. The name of the sample was claimed by the customer.