

Laboratory Test Report

SAMPLE NAME : Ho Wood
CLIENT NAME : Plant Therapy
CLIENT LOT # : H80107R
APRC LOT# : OTC220509A

Column : ZB5 (60 m length × 0.25 mm inner diameter × 0.25 µm film thicknes
Instrument : Shimadzu GCMS-QP2010 Ultra
Carrier gas : Helium 80 psi
Temperature ramp : 2 degrees Celsius per minute up to 260-degree Celsius
Split ratio : 30:1
Sample preparation : 5% w/v solution with Dichloromethane

Interpretation on this sample

The analysis of this Ho Wood batch sample meets the expected chemical profile of pure essential oil of Cinnamomum camphora.

Analyzed by : Dr Prabodh Satyal
Reviewed by : Ambika Poudel

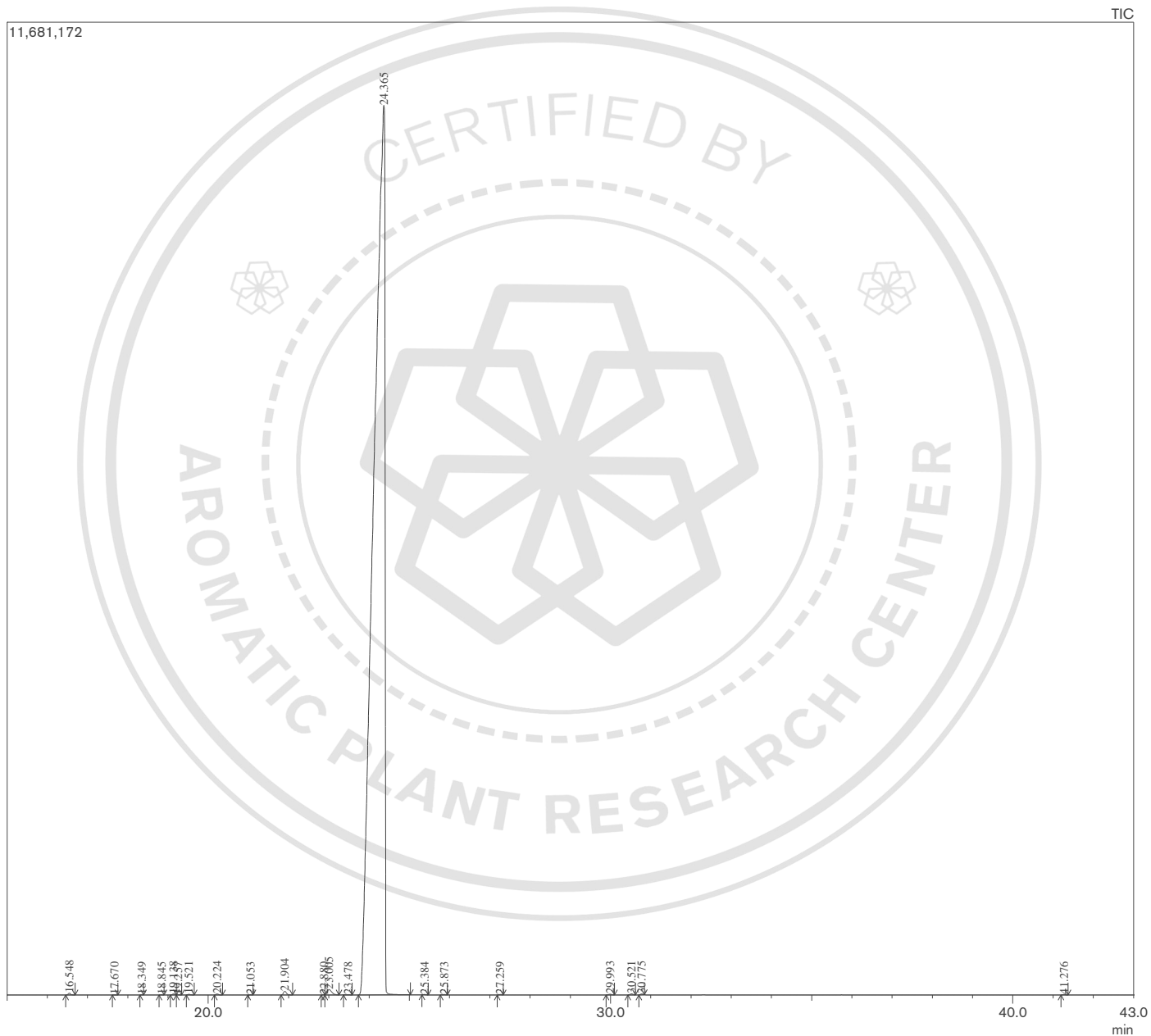
Issued Date : 5/10/2022

GCMS Analysis

Sample Information

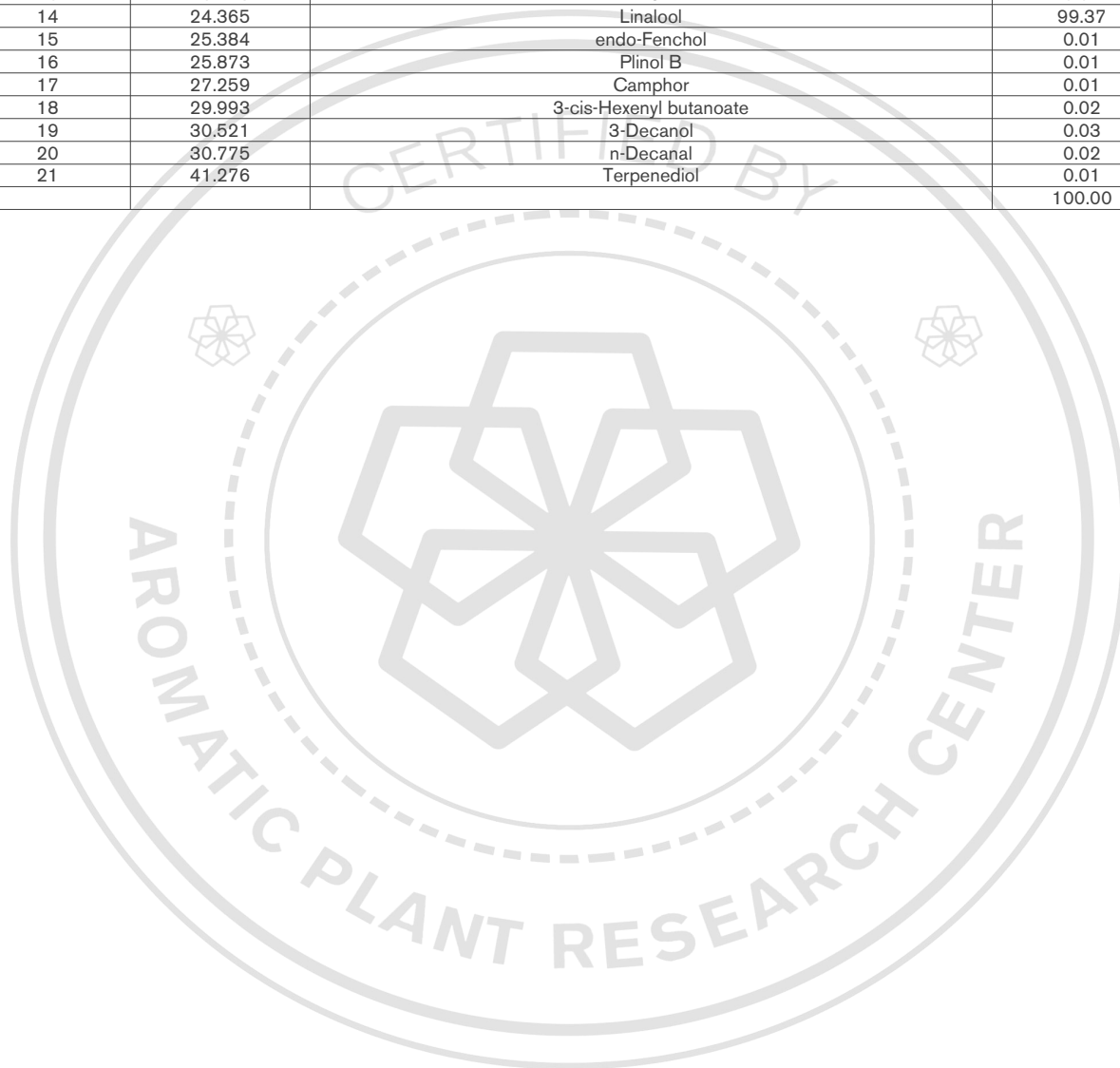
Analyzed by : Dr. Prabodh Satyal
Analyzed : 5/10/2022 8:04:01 AM
Sample Type : Essential Oil
Sample Name : Ho Wood
Client Name : Plant Therapy
Client Lot# : H80107R
APRC Lot# : OTC220509A
Injection Volume : 0.30

Chromatogram



Peak Report

Peak#	R.Time	Name	Area%
1	16.548	Myrcene	0.04
2	17.670	alpha-Phellandrene	0.00
3	18.349	delta-3-Carene	0.00
4	18.845	para-Cymene	0.00
5	19.138	Limonene	0.03
6	19.257	beta-Phellandrene	0.01
7	19.521	cis-beta-Ocimene	0.02
8	20.224	trans-beta-Ocimene	0.03
9	21.053	gamma-Terpinene	0.00
10	21.904	cis-Linalool oxide (furanoid)	0.11
11	22.880	Terpinolene	0.01
12	23.005	trans-Linalool oxide (furanoid)	0.25
13	23.478	Plinol A	0.01
14	24.365	Linalool	99.37
15	25.384	endo-Fenchol	0.01
16	25.873	Plinol B	0.01
17	27.259	Camphor	0.01
18	29.993	3-cis-Hexenyl butanoate	0.02
19	30.521	3-Decanol	0.03
20	30.775	n-Decanal	0.02
21	41.276	Terpenediol	0.01
			100.00



Allergen Report

PRODUCT INFORMATION

Analyzed by : Dr. Prabodh Satyal
 Sample Name : Ho Wood
 APRC Lot# : OTC220509A

Analyzed : 5/10/2022 8:04:01 AM
 Client Name : Plant Therapy
 Clinet Lot# : H80107R

EU COSMETIC ALLERGEN DECLARATIONS

7th Amendment Ref #	Ingredient	CAS#	Result (%)
74	AMYL CINNAMIC ALCOHOL	101-85-9	ND
67	AMYL CINNAMIC ALDEHYDE	122-40-7	ND
80	ANISYL ALCOHOL	105-13-5	ND
68	BENZYL ALCOHOL	100-51-6	ND
85	BENZYL BENZOATE	120-51-4	ND
81	BENZYL CINNAMATE	103-41-3	ND
75	BENZYL SALICYLATE	118-58-1	ND
69	CINNAMIC ALCOHOL	104-54-1	ND
76	CINNAMIC ALDEHYDE	104-55-2	ND
70	CITRAL	5392-40-5	ND
86	CITRONELLOL	106-22-9	ND
77	COUMARIN	91-64-5	ND
88	D-LIMONENE	5989-27-5	0.03
71	EUGENOL	97-53-0	ND
82	FARNESOL	4602-84-0	ND
78	GERANIOL	106-24-1	ND
87	HEXYL CINNAMICALDEHYDE	101-86-0	ND
72	HYDROXYCITRONELLAL	107-75-5	ND
73	ISOEUGENOL	97-54-1	ND
83	LILIAL (aka BUTYLPHENYL PROPRIONAL or HEXYL -	80-54-6	ND
84	LINALOOL	78-70-6	99.37
79	LYRAL	31906-04-4	ND
89	METHYL HEPTINE CARBONATE	111-12-6	ND
90	G-METHYL IONONE	127-51-5	ND
91	OAKMOSS	90028-68-5	ND
92	TREEMOSS	90028-67-4	ND
-	ESTRAGOLE (Methyl chavicol)	140-67-0	ND
102	METHYL EUGENOL	93-15-2	ND
360	SAFROLE	94-59-7	ND

*ND: Not Detected or Area% less than 0.001%

Prepared by: Sunita Timsina
 Reviewed by: Ambika Poudel

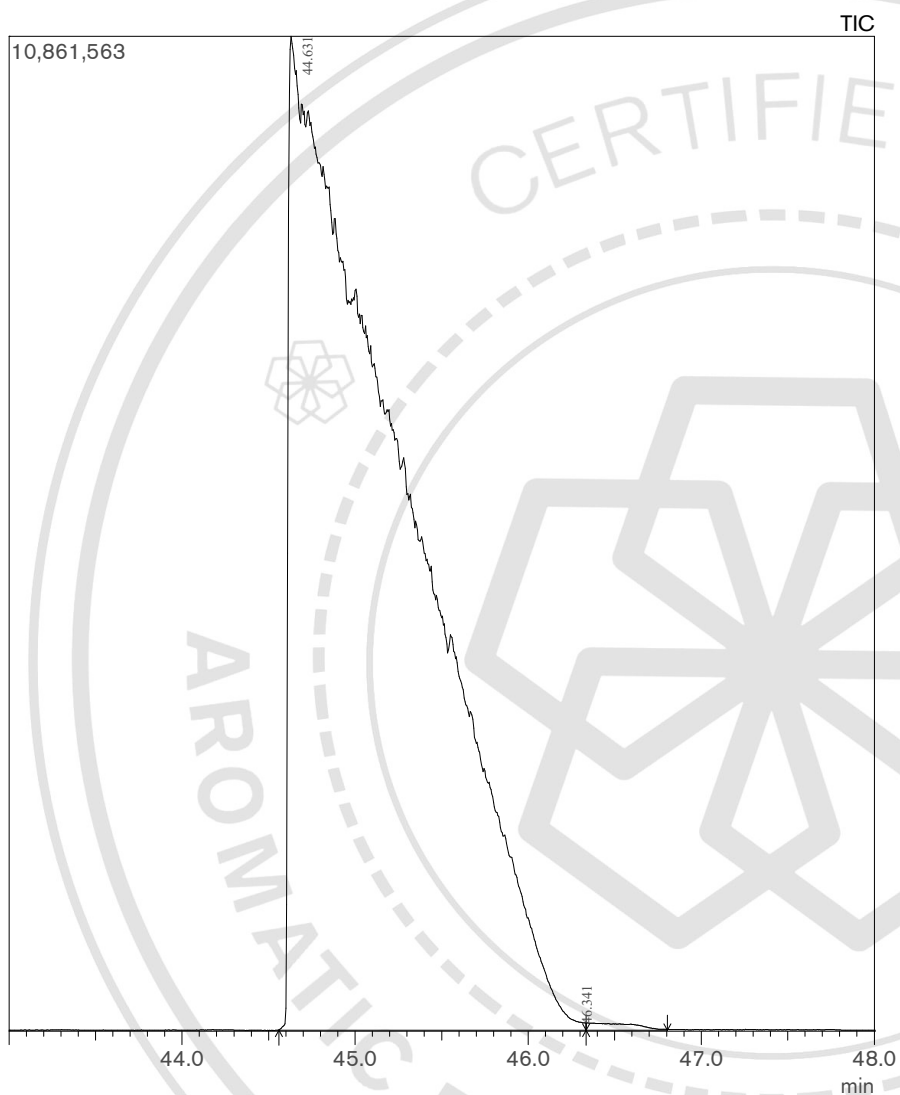
Date: 5/10/2022
 Date: 5/10/2022

Chiral GCMS Analysis Report

Sample Information

Analyzed by : Dr. Prabodh Satyal
Analyzed : 5/18/2022 4:53:52 AM
Sample Type : Essential Oil
Sample Name : Ho Wood
Lot# : H80107R
Injection Volume : 0.30

R.Time	Name	Peak Report TIC	Area%
44.631	Linalool		99.70
46.341	Linalool		0.30
			100.00



Enantiomeric Components Distribution	
Compounds	Content D:L
Linalool	(+):0.3: (-):99.7

Comments:

The analysis of provided sample meets the expected chiral composition of Ho wood EO.