



PLANT THERAPY
100% PURE ESSENTIAL OILS

GC/MS BATCH NUMBER: PN0100

ESSENTIAL OIL: PERU BALSAM

BOTANICAL NAME: MYROXYLON BALSAMUM

ORIGIN: EL SALVADOR

KEY CONSTITUENTS PRESENT IN THIS BATCH OF PERU BALSAM OIL	%
BENZYL BENZOATE	93.3
BENZYL CINNAMATE	3.2
(E)-CINNAMIC ACID	1.1

Date : September 14, 2017

SAMPLE IDENTIFICATION

Internal code : 17111-PTH2-1-DM

Customer identification : Balsam of Peru - El Salvador - PN0100610R

Type : Essential oil

Source : *Myroxylon balsamum var. pereirae*

Customer : El Salvador

ANALYSIS

Method : PC-PA-001-15E06, "Analysis of the composition of a liquid essential oil by GC-FID" (in French).

Identifications double-checked by GC-MS

Analyst : Alexis St-Gelais, M. Sc., chimiste

Analysis date : 2017-09-13

Checked and approved by :



Alexis St-Gelais, M. Sc., chimiste 2013-174

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IDENTIFIED COMPOUNDS

Identification	Column: BP5			Column: WAX			Molecular Class
	R.T.	R.I.	%	%	R.I.	R.T.	
Benzyl alcohol	5.68	1055	0.28	0.35	1773	23.37	Simple phenolic
Benzoic acid	10.46	1225	0.89	1.36	2318	45.70	Phenolic acid
para-Vinylguaicol	15.18	1319	0.05	0.05	2081	39.74	Norphenylpropanoid
Vanillin	21.51	1411	0.10	0.09	2413	47.73	Simple phenolic
(E)-Cinnamic acid	28.38	1493	1.05	1.93	2728	53.74	Phenylpropanoid
Methyl vanillyl ketone	32.05	1544	0.09				Phenylpropanoid
(E)-Nerolidol	33.87	1569	0.38	0.37	1980	36.22	Sesquiterp. alcohol
Benzyl benzoate	42.86	1789	93.34	91.50	2488	49.24	Phenolic ester
Benzyl (Z)-cinnamate	47.37	1957	0.11				Phenylpropanoid ester
Benzyl cinnamate	51.09	2114	3.15	3.10	2987	58.20	Phenylpropanoid ester
Total identified			99.44%	98.75%			

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not taken account in the identified total

Note: no correction factor was applied

OTHER DATA

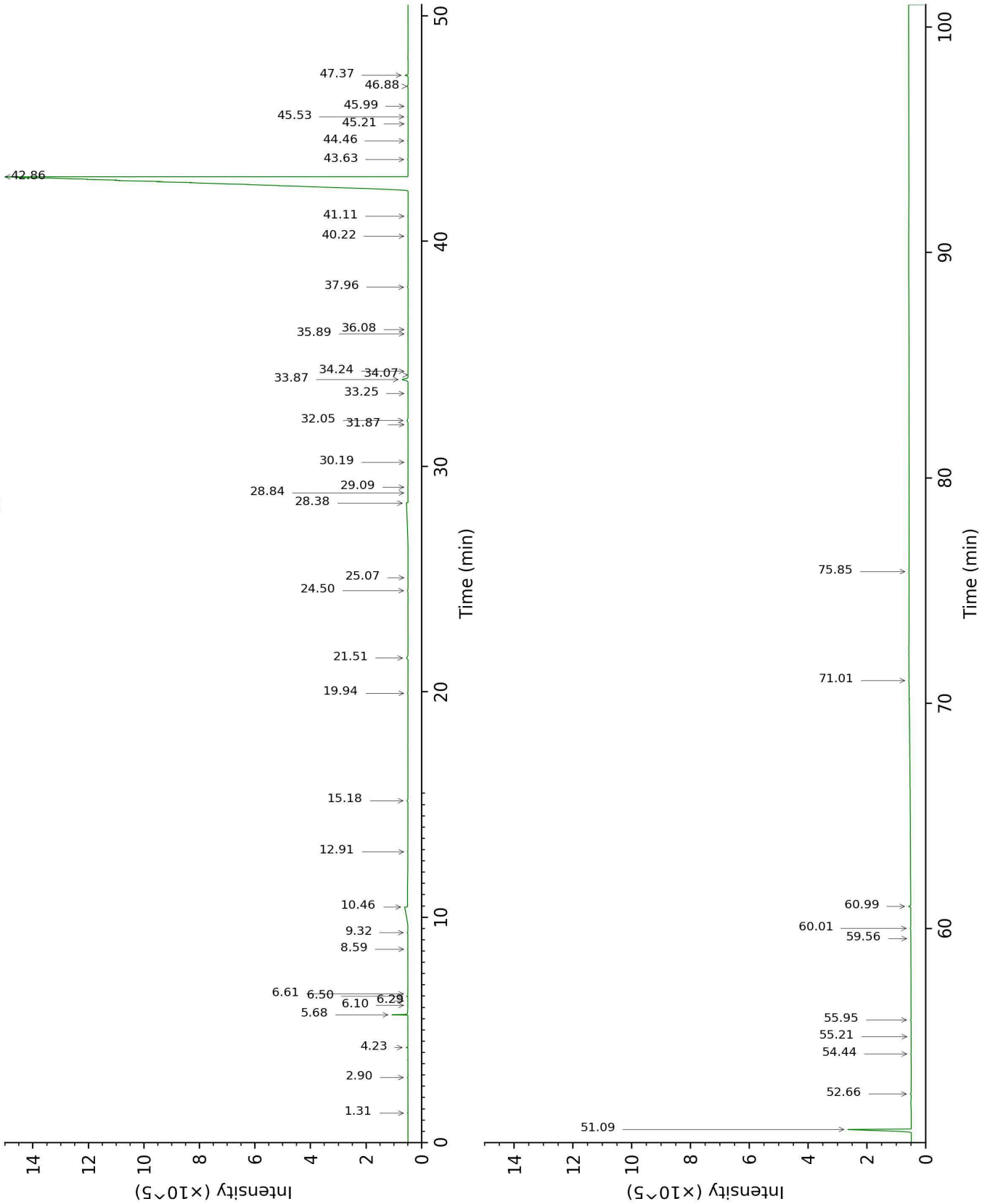
Physical aspect : Light yellow brown liquid

Refractive index : 1.5690 ± 0.0003 (20 °C)

CONCLUSION

No adulterant, contaminant or diluent were detected using this method.

17111-PTH2-1-DM_BP5



17111-PTH2-1-DM_WAX

