

1 **TABLE CAPTIONS**

2 **Table 1. Composition of native and residue *L. digitata***

3

4 **Table 2. Distribution and yield (peak area %) of the main identified compounds from**
5 **microwave pyrolysis of native and residue *L. digitata* at different specific energies**

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28 **Tables**

29 **Table 1**

	<i>Proximate Analysis (%)</i>				<i>Biochemical Composition Analysis (%)</i>					
	Volatile matter*	Ash*	Fixed Carbon*	HHV (MJ/kg)	Moisture^a	Ash^a	Protein^a	Lipid^a	Crude Fibre^a	Carbohydrate^a
Native <i>L. digitata</i>	79.9	9.9	13.1	12.6	8.0	26.0	12.9	1.0	5.5	46.6
Residue <i>L. digitata</i>	74.0	12.1	18.6	13.4	4.4	23.4	14.1	0.9	15.5	41.4

30

31 * Data determined by thermal gravimetric analysis

32 ^a Data obtained from Kostas et al [13]

33

34

35

36

37

Table 2

Compound Name	Native <i>L. digitata</i> Specific Energy (kJ/g)					Residue <i>L. digitata</i> Specific Energy (kJ/g)				
	0.95	1.61	1.84	2.11	2.76	1.12	1.57	1.72	2.08	2.83
L-Proline, 1-methyl-5-oxo-, methylester	61.76	45.52	64.21	57.09	55.92	73.89	73.12	86.86	79.56	77.6
2-hydroxy-3-methyl-2-cyclopentene-1-one	2.86	2.25	3.28	3.43	2.03	5.42	4.45	3.66	4.18	4.09
1-hydroxy-2-butanone	3.06	2.76	2.55	2.79	1.87	6.71	4.71	3.79	3.11	3.96
1-(2-furanyl)-ethanone	6.06	3.78	3.94	5.08	4.83	1.21	1.14	0.79	0.87	1.57
2-Furanmethanol	0.45	0.46	0.48	0.43	0.41	/	/	0.61	0.56	0.45
2,3 - dimethyl-2-cyclopentene-1-one	0.52	0.31	0.34	0.28	0.30	1.65	0.54	0.20	0.39	0.40
3-methyl-2-cyclopentene-1-one	0.66	0.58	0.63	0.51	0.61	0.44	0.93	0.80	1.17	1.46
Azetidine-1-carboxaldehyde	0.02	0.27	0.32	0.31	0.61	/	/	/	0.08	0.22
4-ethyloctane	/	/	0.12	0.15	0.18	/	/	/	/	/
4-methyl-1, 2, 4-triazol-3-amine	/	2.37	2.93	4.48	4.49	/	/	0.21	0.53	0.48
2-(1-methylvinyl)thiophene	0.17	/	0.06	0.22	0.03	0.57	0.41	0.16	0.21	0.15
3, 5 - dimethyl-1-carboximidamide; hydrochloride	/	0.42	0.37	0.59	0.62	/	/	/	/	/
1-methyl-4-(1-methylethyl)-cyclohexene	0.17	0.01	0.04	0.02	0.08	/	/	/	/	/
1-ethynylcyclohexanol	/	1.02	0.45	1.72	1.55	/	/	/	/	0.47
Dianhydromannitol	9.66	8.04	8.92	11.06	9.75	0.25	1.12	1.47	1.68	2.96
Isosorbide	0.03	0.66	0.89	0.84	0.79	/	/	/	0.02	0.06