

Supplementary material

Assessing Concentration Changes of Odorant Compounds in the Thermal-Mechanical Drying Phase of Sediment-Like Wastes from Olive Oil Extraction

Table S1. Average monthly weather conditions (www.wolframalpha).

Weather conditions	Units	1	2	3	4	5	6
		Jul	Aug	Sep	Oct	Nov	Dec
Precipitation (PPT)	mm	152	161	70	48	13	5
Min. temperature ($T_{\min}$)	°C	-2	0	1	3	6	10
Max. temperature ($T_{\max}$)	°C	16	20	26	26	30	33
Wind speed (wind)	km h ⁻¹	19	18	13	19	15	14
Relative humidity (RH)	%	77	68	64	65	60	57

Table S2. Results of the physical-chemical analysis with standard deviation for samples of alperujo and orujo as exit conditions to the drying trommel in time.

Month	Moisture content (% wb)**		Ashes (% wb)*		Measuring heating value (MJ kg ⁻¹)*	
	Oven method - AOAC 945.15		Muffle method - AOAC 940.26		Norm DIN Serie 51.900	
	Alperujo	Orujo	Alperujo	Orujo	Alperujo	Orujo
Jul	12.2 ± 0.1	12.4 ± 0.1	2.2 ± 0.1	3.1 ± 0.1	22.4 ± 0.1	22.5 ± 0.1
Aug	11.3 ± 0.1	10.4 ± 0.2	2.1 ± 0.1	3.0 ± 0.1	22.1 ± 0.1	22.2 ± 0.1
Sept	12.5 ± 0.1	11.4 ± 0.1	2.0 ± 0.1	2.8 ± 0.1	22.5 ± 0.1	22.1 ± 0.1
Oct	13.5 ± 0.1	12.4 ± 0.1	1.8 ± 0.1	2.8 ± 0.1	22.2 ± 0.1	22.6 ± 0.1
Nov	12.4 ± 0.1	12.7 ± 0.1	1.7 ± 0.1	2.5 ± 0.1	22.6 ± 0.1	22.9 ± 0.1
Dec	12.6 ± 0.1	11.5 ± 0.2	1.4 ± 0.1	2.1 ± 0.1	22.3 ± 0.1	22.1 ± 0.1

*Dry base; **wet base