

PELLETS DEL SUR
AGRADE BIOMASA

SAMPLE ID: Olive marc. **Ref:** 22/10/18. **Delivered to laboratory.**

PRESENTATION: Bag.

DATE: 22/10/18

STARTING ANALYSIS DATE: 24/10/18

END ANALYSIS DATE: 8/11/18

PARAMETERS (test methodology)	RESULTS	UNITS
Moisture 105 °C (Gravimetry)	14,78	% m/m
Ashes 550 °C (Gravimetry)	9,65	% m/m _{seca}
Apparent density (Gravimetry)	0,642	g/cc
Chlorides (Volumetry)	0,59	% m/m _{seca}
CALORIFIC VALUE (Calorimetry)		
High calorific value dry basis	4821	cal/g
High calorific value wet basis	4108	cal/g
Low calorific value dry basis	4437	cal/g
Low calorific value wet basis	3782	cal/g

PARAMETERS (test methodology)	RESULTS	UNITS
ASH MELTING BEHAVIOUR (Extern. Based on CENT/TS 15370-1)		
Initial deformation temperature	1327	° C
Softening temperature	1350	° C
Hemispheric temperature	1368	° C
Melting temperature	1400	° C

Observations: Estimated Hydrogen for Low calorific value calcule = 5,85 %.

Lucena, 16th november 2.018

DIGITAL SIGNATURE: Technical Manager

laboratorio TCAL, s.l.
C.I.F.: B - 14.469.985
Teléfono: 957 515 197
Dir. Postal: C/ Masón, 25 - 2º
Dir. Laboratorio: C/ Los Mármoles, 5
14.900 - LUCENA (Córdoba)

The results correspond to the tested sample. Sample unofficial "analysis without official recognition".
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