

S.C. TIC MARCON S.R.L

ADRESA: STR. BALOAICA, NR.14, CAMPULUNG-MUSCEL, JUD. ARGES  
NR. INREGISTRARE: J03 / 1440 / 2006  
COD INREGISTRARE: 18966689  
NR. TELEFON: 0742.044.782 : 0724.223.116



No. certificate: 03351

ISO 9001: 2015

TESTARI SI ANALIZE TEHNICE  
LABORATOR DE INCERCARI COMBUSTIBILI  
CAMPULUNG, JUD. ARGES, STR. DRACESTI, NR. 58

## RAPORT DE INCERCARI/TEST REPORT

nr.1665/22.10.2021

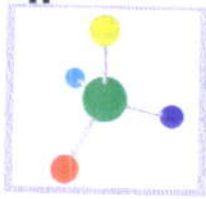
<i>Beneficiar/ Customer</i>	SC ECO WOOD SRL
<i>Adresa/ Address</i>	Santion, nr.672, jud.Bihor
<i>Data primirii/ Received</i>	21.10.2020
<i>Esantionare / Sampling</i>	Beneficiar
<i>Locul recoltarii probelor</i>	SC ECO WOOD SRL
<i>Prezentarea probei/ Sample presentation</i>	Peleti din rumegus mixt
<i>Data analizei probei/ Date of Tests</i>	21.10.2020-22.10.2020

<i>Denumire probe/ samples name/cod</i>	<i>Determinari solicitate/Metoda de analiza Required Determinations / Method of analysis</i>
- Peleti lemn/Wood Pellets 8663	<ul style="list-style-type: none"><li>- Diametru/Diameter-EN 17829</li><li>- Lungime/Length- EN 17829</li><li>- Umiditate/Moisture content (<math>W_t</math>)- SR EN ISO 18134 :2016</li><li>- Cenua/Ash content( 550<sup>0</sup> C)-SR EN ISO 18122 :2016</li><li>- Putere calorifica / Calorific value-ISO 1928 /95;ISO 18125</li><li>- Azot/ Nitrogen-STAS 6417 /73; ISO 16968</li><li>- Clor/Chlorine- SR EN ISO 16994 :2017</li><li>- Sulf/ Sulphur- SR EN ISO 16994 :2017</li><li>- Densitate volumetrica/Unit density- EN 13190</li><li>- Densitate vrac/Bulk density- SR EN ISO 17828/2016</li></ul>

1/2

NOTA: Rezultatele analizelor se refera exclusiv la proba/probele analizate. Test results refers only to the tested samples.  
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PSL-7.8-F1



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**REZULTATELE DETERMINARILOR/ RESULTS**  
**RAPORT DE INCERCARI/TEST REPORT**  
**nr.1665/22.10.2021**

Valorile admise sunt conform EN ISO 17225-2:2014 clasa A1 / Permissible values are according to EN ISO 17225-2:2014 class A1

Parameters	Unit	Permissible values are according to EN ISO 17225-2:2014*	Results
Diametru/Diameter	mm	D0 6,6+/-1	5,9
Lungime/Length	mm	3,15 < L ≤ 40	according
Umiditate /Moisture content (W <sub>i</sub> <sup>1</sup> )	%	≤10	6,59
Cenușă/Ash content( A <sub>anh</sub> )	%	≤0,7	0,44
Putere calorifică inferioară (la inițială) /Lower calorific Qi(raw) (raw condition)	Mj / kg (kcal/kg) kwh/kg		17,82 (4258) 4,94
Putere calorifică inferioară la analiză / Net calorific value Qi(an) (an condition)	Mj / kg (kcal/kg) kwh/kg	≥16,5	19,01 (4542) 5,27
Putere calorifică inferioară(raportată la subst.uscătă)/ /Lower calorific Qi(waf)(without ash and water)	Mj / kg (kcal/kg) kwh/kg		19,34 (4620) 5,36
Putere calorifică superioară la analiză/ Gross calorific value calorific Qs(an) (an condition)	Mj / kg (kcal/kg) kwh/kg		20,31 (4851) 5,63
Azot/Nitrogen(N <sup>1</sup> )	%	≤0,3	0,19
Clor / Chlorine ( Cl <sup>1</sup> )	%	≤0,02	0,01
Sulf / Sulphur ( S <sup>1</sup> )	%	≤0,04	0,022
Unit density	g/cm <sup>3</sup>	>1	1,33
Densitate vrac/Bulk density	Kg/m <sup>3</sup>	≥600	671

\* class A1

Director  
Ing.Tolbes Constantin



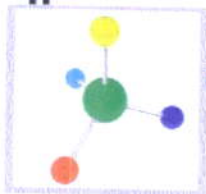
Sef laborator  
Ing. chim. Tolbes Iuliana

Laborant  
Lemnaru Oana

2/2

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<i>Data analizei probei/ Date of Tests</i>	21.10.2020-22.10.2020

<i>Denumire probe/ samples name Cod probe/ Samples Code</i>	<i>Determinari solicitate/Metoda de analiza Required Determinations / Method of analysis</i>
- Peleti din rumegus mixt/ 8663	- Siliciu(Si) - STAS 7012 /90

1/2

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**REZULTATELE DETERMINARILOR/ RESULTS**  
**RAPORT DE INCERCARI/TEST REPORT**  
*nr.1665/22.10.2021*

Characteritics	Unit	Results
Siliciu(Si)	%	0,05

Director  
Ing.Tolbes Constantin



Sef laborator  
Ing. chim. Tolbes Iuliana

Laborant  
Lemnaru Oana