

S.C. TIC MARCON S.R.L

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



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

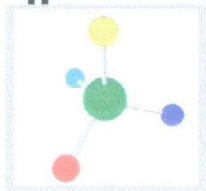
RAPORT DE INCERCARI/TEST REPORT

nr.220/15.02.2021

<i>Beneficiar/ Customer</i>	SC BIKTRANS SRL
<i>Adresa/ Address</i>	Bicfalau,nr.191, jud Covasna
<i>Data primirii/ Received</i>	11.02.2021
<i>Esantionare / Sampling</i>	Beneficiar
<i>Locul recoltarii probelor</i>	SC BIKTRANS SRL
<i>Prezentarea probei/ Sample presentation</i>	Peleti din rumegus de brad
<i>Data analizei probei/ Date of Tests</i>	11.02.2021-15.02.2021

<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 de brad /830	<ul style="list-style-type: none">- Diametru/Diameter-ISO 17829/2016- Lungime/Length- ISO 17829/2016- Umiditate/Moisture content (W_t^i)- ISO 18134 :2016- Cenua/Ash content-ISO 18122 :2016- Putere calorifica / Calorific value-ISO 1928 /95;ISO 18125- Azot/ Nitrogen-STAS 6417 /73; ISO 16948- Clor/Chlorine- ISO 16994 :2017- Sulf/ Sulphur- ISO 16994 :2017-Arsenic-ISO 16968- Cadmium- ISO 16968- Chromium- ISO 16968- Copper- ISO 16968- Lead- ISO 16968- Mercur- ISO 16968- Nickel- ISO 16968- Zinc- ISO 16968- Densitate volumetrica/Unit density-13190 / 94- Densitate vrac/Bulk density- ISO 18847/2017

NOTA: Rezultatele analizelor se refera exclusiv la proba/probele analizate. Test results refers only to the tested samples.
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REZULTATELE DETERMINARILOR/ RESULTS
RAPORT DE INCERCARI/TEST REPORT
nr.220/15.02.2021

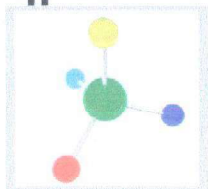
Valorile admise sunt conform EN ISO 17225-2:2014 clasa A1/Permissible values are according to EN ISO 17225-2:2014 class A1

Parameters	Unit	Permissible values are according to EN ISO 17225-2:2014*	Results
Diametru/Diameter	mm	D0 6,6+/-1	6,1
Lungime/Length	mm	3,15< L≤ 40	according
Umiditate /Moisture content (W_t^i)	%	≤10	9,89
Cenusa/Ash content(A_{anh})	%	≤0,7	0,58
Putere calorifica inferioara (la initial) /Lower calorific Q_i (raw) (raw condition)	Mj / kg (kcal/kg)		17,23 (4115)
Putere calorifica inferioara la analiza / Net calorific value Q_i (an) (an condition)	Mj / kg (kcal/kg)	≥16,5	19,03 (4545)
Putere calorifica inferioara(raportata la subst.uscata)/ /Lower calorific Q_i (waf)(without ash and water)	Mj / kg (kcal/kg)		19,50 (4658)
Putere calorifica superioara la analiza/ Gross calorific value calorific Q_s (an) (an condition)	Mj / kg (kcal/kg)		20,33 (4857)
Nitrogen	%	≤0,3	0,24
Chlorine	%	≤0,02	0,011
Sulphur	%	≤0,04	0,031
Arsenic	mg/kg	≤1	0,70
Cadmium	mg/kg	≤0,5	0,22
Cromium	mg/kg	≤10	3,17
Copper	mg/kg	≤10	4,07

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PSL-7.8-F1





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Lead	mg/kg	≤10	1,09
Mercury	mg/kg	≤0,1	0,07
Nickel	mg/kg	≤10	3,31
Zinc	mg/kg	≤100	8,7
Densitate volumetrica/Unit density	g/cm ³		1,24
Densitate vrac/Bulk density	Kg/m ³	≥600	609

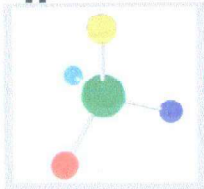
* class A1

Director
Ing. Tolbes Constantin



Sef laborator combustibil
Ing. chim. Tolbes Iuliana

Laborant
Lemnaru Oana



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No. certificate: 03351

ISO 9001: 2015

**LABORATOR DE INCERCARI
FIZICO-CHIMICE SI MICROBIOLOGICE COMBUSTIBILI
CAMPULUNG, JUD. ARGES, STR. DRACESTI, NR. 58**

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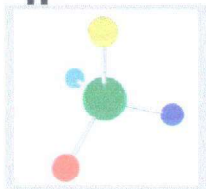
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<i>Data analizei probei/ Date of Tests</i>	11.02.2021-15.02.2021

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

1/2

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REZULTATELE DETERMINARILOR/ RESULTS
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Characteritics	Unit	Results
Siliciu(Si)	%	0,09

Director
Ing.Tolbes Constantin



Sef laborator
Ing. chim. Tolbes Iuliana

Laborant
Lemnaru Oana