

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

RAPORT DE INCERCARI/TEST REPORT

nr.1388/ 08.09.2017

Beneficiar/ Customer	SC ZDENEK SERVICE TRANS SRL
Adresa/ Address	Madaras, str. Principala, nr.403 jud. Bihor
Data primirii/ Received	01.09.2017
Unitatea producatoare/ manufacturing unit	SC ZDENEK SERVICE TRANS SRL
Prezentarea probei/ Sample presentation	Brichete din coji de canepa
Data analizei probei/ Date of Tests	01.09.2017-04.09.2017

Denumire probe/ samples name Cod probe/ Samples Code	Determinari solicitate/Metoda de analiza Required Determinations / Method of analysis
Brichete din coji de canepa /774	- Umiditate/Moisture content (W_t^1)- SR EN ISO 18134 :2016 - Cenușă/Ash content(550⁰ C)-SR EN ISO 18122 :2016 - Putere calorifică / Calorific value-ISO 1928 /95;EN 14918 - Azot/ Nitrogen-STAS 6417 /73;EN 15104 - Clor/Chlorine- SR EN ISO 16994 :2017 - Sulf/ Sulphur- SR EN ISO 16994 :2017 - Densitate volumetrică/Unit density- EN 13190

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NOTA: Rezultatele analizelor se referă exclusiv la proba/probele analizate. Test results refers only to the tested samples.
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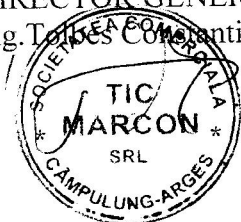
REZULTATELE DETERMINARILOR/ RESULTS
RAPORT DE INCERCARI/TEST REPORT
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Valorile admise sunt conform EN ISO 17225-7:2014 class A/ Permissible values are according to EN ISO 17225-7:2014 class A

Parameters	Unit	Permissible values are according to EN ISO 17225-7:2014*	Results
Umiditate /Moisture content (W_t^i)	%	≤ 12	6,07
Cenusa/Ash content(A_{anh})	%	$\leq 6,0$	4,34
Putere calorifica inferioara (la initial) /Lower calorific Q_i (raw) (raw condition)	Mj / kg (kcal/kg)		18,33 (4378)
Putere calorifica inferioara la analiza / Net calorific value Q_i (an) (an condition)	Mj / kg (kcal/kg)	$\geq 14,5$	19,58 (4677)
Putere calorifica inferioara(raportata la subst.uscata)/ /Lower calorific Q_i (waf)(without ash and water)	Mj / kg (kcal/kg)		20,54 (4907)
Putere calorifica superioara la analiza/ Gross calorific value calorific Q_s (an) (an condition)	Mj / kg (kcal/kg)		20,83 (4977)
Azot/Nitrogen(N^i)	%	$\leq 1,5$	1.48
Clor / Chlorine (Cl^i)	%	≤ 0.10	0,05
Sulf / Sulphur (S^i)	%	$\leq 0,20$	0,18
Densitate volumetrica/Unit density	g/cm^3	$\geq 0,9$	0,629

* class A

DIRECTOR GENERAL
 Ing. Tolbes Constantin

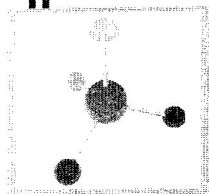


SEF LABORATOR
 Ing. chim. Tolbes Iuliana

Jel
 Laborant
 Luta Cornelia

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S.C. TIC MARCON S.R.L

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



Nr. Certificat: 00507
ISO 9001: 2008

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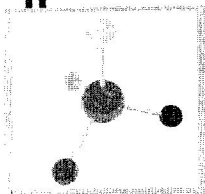
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<i>Unitatea producatoare/ manufacturing unit</i>	SC ZDENEK SERVICE TRANS SRL
<i>Prezentarea probei/ Sample presentation</i>	Brichete din coji de canepa
<i>Data analizei probei/ Date of Tests</i>	01.09.2017-04.09.2017

<i>Denumire probe/ samples name Cod probe/ Samples Code</i>	<i>Determinari solicitate/Metoda de analiza Required Determinations / Method of analysis</i>
Brichete din coji de canepa /740	- Siliciu(Si) - STAS 7012 /90

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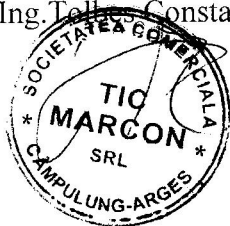


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REZULTATELE DETERMINARILOR/ RESULTS
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Characteritics	Unit	Results
Siliciu(Si)	%	2,81

DIRECTOR GENERAL
Ing. Tolbes Constantin



SEF LABORATOR
Ing. chim. Tolbes Iuliana

Responsabil incercare
Luta Cornelia

2/2

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