

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

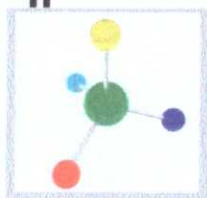


**LABORATOR DE INCERCARI
FIZICO-CHIMICE SI MICROBIOLOGICE COMBUSTIBILI
CAMPULUNG,JUD. ARGES,STR. DRACESTI, NR. 58**

RAPORT DE INCERCARI/TEST REPORT
nr.1903/09.12.2024

<i>Beneficiar/ Customer</i>	SC DETROIT CITY IMPORT EXPORT SRL
<i>Adresa/ Address</i>	Com. Ditrau, sat Ditrau, str. Muresului, nr.104, jud. Harghita
<i>Data primirii/ Received</i>	06.12.2024
<i>Esantionare / Sampling</i>	Beneficiar
<i>Locul recoltarii probelor</i>	SC DETROIT CITY IMPORT EXPORT SRL
<i>Prezentarea probei/ Sample presentation</i>	Brichete rumegus
<i>Data analizei probei/ Date of Tests</i>	06.12.2024-09.12.2024

<i>Denumire probe/ samples name</i>	<i>Determinari solicitate/Metoda de analiza Required Determinations / Method of analysis</i>
- Brichete rumegus	- Umiditate/Moisture content (W_t^i)- 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 - Arsenic/Arsenic- SR EN ISO 16968 :2017 - Cadmiu/Cadmium- SR EN ISO 16968 :2017 - Crom/Chromium- SR EN ISO 16968 :2017 - Cupru/Copper- SR EN ISO 16968 :2017 - Nichel/Nickel- SR EN ISO 16968 :2017 - Zinc/Zinc- SR EN ISO 16968 :2017 - Mercur/Mercury- SR EN ISO 16968 :2017 - Plumb/Lead /- SR EN ISO 16968 :2017 - Densitate volumetrică/Unit density-18847/2017 - Siliciu(Si) - STAS 7012 /90



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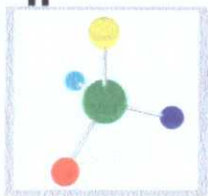
REZULTATELE DETERMINARILOR/ RESULTS
RAPORT DE INCERCARI/TEST REPORT
nr.1903/09.12.2024

Valorile admise sunt conform EN ISO 17225-3:2021 class A1 / Permissible values are according to EN ISO 17225-3:2021 class A1

Parameters	Unit	Permissible values are according to EN ISO 17225-3:2014*	Results
Umiditate /Moisture content (W_i)	%	≤ 12	8,86
Cenusa/Ash content(A_{anh})	%	$\leq 1,0$	1,16
Putere calorifica inferioara (la initial) /Lower calorific Q_i (raw) (raw condition)	Mj / kg (kcal/kg) kwh/kg		16,79 (4011) 4,65
Putere calorifica inferioara la analiza / Net calorific value Q_i (an) (an condition)	Mj / kg (kcal/kg) kwh/kg	$\geq 15,5$	18,18 (4344) 5,04
Putere calorifica inferioara(raportata la subst.uscata)/ /Lower calorific Q_i (waf)(without ash and water)	Mj / kg (kcal/kg) kwh/kg		18,53 (4426) 5,14
Putere calorifica superioara la analiza/ Gross calorific value calorific Q_s (an) (an condition)	Mj / kg (kcal/kg) kwh/kg		19,45 (4648) 5,39
Aditivi	%	≤ 2	SLQ**
Azot/Nitrogen(N^i)	%	$\leq 0,3$	0,19
Clor / Chlorine (Cl^i)	%	$\leq 0,02$	0,017
Sulf / Sulphur (S^i)	%	$\leq 0,04$	0,031
Arsenic/Arsenic(As)	mg/Kg dry	≤ 1	0,15
Cadmiu/Cadmium(Cd)	mg/Kg dry	$\leq 0,5$	0,18
Cupru/Copper(Cu)	mg/Kg dry	≤ 10	1,80

NOTA: Rezultatele analizelor se refera exclusiv la proba/probele analizate. Test results refers only to the tested samples.
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Nichel/Nickel(Ni)	mg/Kg dry	≤ 10	1,15
Zinc/Zinc(Zn)	mg/Kg dry	≤ 100	2,76
Crom/Chromium(Cr)	mg/Kg dry	≤ 50	2,16
Plumb/Lead(Pb)	mg/Kg dry	≤ 10	4,3
Mercur/Mercury(Hg)	mg/Kg dry	$\leq 0,1$	0,06
Siliciu(Si)	%		0,29
Densitate volumetrica/Unit density	g/cm ³	≥ 1	1,08

* class A1
SLQ**<2

Director
Ing.Tolbes Constantin



Sef laborator
Ing. chim. Tolbes Iuliana

Laborant
Lemnaru Oana

3/3

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