

REPORT OF ANALYSIS No. 107902/14/GDA

Client PRZEDSIĘBIORSTWO USŁUGOWO-PRODUKCYJNE 'ARO' PAWEŁ FABICH, RENATA FABICH, ROBERT TRZASKALSKI, KARIN TRZASKALSKA KOSYNIERÓW 10A 66-008 ŚWIDNICA	Sample description (according to declaration of Client) SUNFLOWER HUSK PELLETT
Sample received: 2014-05-29	The samples were delivered by Client
Analysis completed: 2014-06-10	
Report dated: 2014-06-10	

Test	Method	Unit	Result
* Total moisture	PN-EN 14774-1:2010	%	7,8
* Moisture in analytical sample	PN-EN 14774-3:2010	%	4,2
* Ash (as received)	PN-EN 14775:2010	%	3,0
* Total sulphur	PN-EN 15289:2011 p. 4.4		
Total sulphur (as received)		% (m/m)	0,10
Total sulphur (dry)		% (m/m)	0,10
# * Elemental composition	IB TL 21 06:2012 of 21.05.2012r.		
Na (ash)		%	0,10
K (ash)		%	30,7
* Chlorine (dry)	PB-86 ed. I of 17.06.2009	%	0,1
* Hydrogen (dry)	PN-EN 15104:2011	% (m/m)	6,2
* Net calorific value	PB-93 ed. I of 17.06.2010		
Net calorific value (as received)		kJ/kg	18360
Net calorific value (as received)		kcal/kg	4385

Test: Elemental composition was performed by a sub-contractor with a accreditation number AB 550

Authorized by: Dorota Galic-Młynarczyk, Expert Analyst, Fuel Laboratory
 Irena Stenka, Fuel Laboratory Manager
 Justyna Żelazo, Fuel Laboratory

Approved by: Irena Stenka, Fuel Laboratory Manager (Approved with qualified electronic signature)

Laboratory: Gdynia 81-571, Chwaszczyńska 180; Katowice 40-142, Modelarska 12

The results relate to the analysed samples only. Unless otherwise specified, given measurement uncertainty was estimated for the coefficient $k = 2$ and 95% confidence level.

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* Test method accredited # Test performed by subcontractor

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