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Registered: Chamber of Commerce Ghent no. 179403



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: 23001056/01

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:

Report date

Our ref.-Nr.

: 6/07/2023

REPORT OF ANALYSIS

Туре

- : Received sample
- Kindling woodpellets BE316 :

Sample material Date received

- Wood pellets ENplus A1 26/06/2023 2
- Received from
- Prima Invest SPRL : As per ISO 14780 (a)
- Preparation Analyses

Sample reference

: Results were found to be as follows:

	Parameter	Method	Unit	Specifications	As received	Dry base
	ENplus required parameters					
	Total Moisture ^(a)	ISO 18134	%	≤ 10,0	2,9	***
	Ash ^(a)	ISO 18122	%	≤ 0,70	***	0,42
	Sulphur ^(a)	ISO 16994	%	≤ 0,04	***	0,01
	Net Cal. Value (q _{p,net}) ^(a)	ISO 18125	kWh/kg	≥ 4,6	5,160	***
	Nitrogen (N) ^(a)	ISO 16948	%	≤ 0,3	***	0,06
	Chlorine (Cl)	ISO 16994	%	≤ 0,02	***	0,0038
	Bulk density ^(a)	ISO 17828	kg/m ³	600 ≤ BD ≤ 750	700	***
	Mechanical durablilty ^(a)	ISO 17831-1	%	≥ 98,0	98,9	***
	Diameter ^(a)	ISO 17829	mm	6±1 or 8±1	6,1	***
-	Lenght ^(a)	ISO 17829	mm	3,15 ≤ L ≤ 40	12,2	***
	Lenght < 10 mm	Enplus Guidance	%	S > 30 %	33,0	***
				20 % ≤ M ≤ 30 %		***
				L < 20 %		***
	Fines < 3,15 mm round ^(a)	ISO 18846	%	bulk pellets ≤ 1,0	***	***
				bagged pellets ≤ 0,5	0,5	***
	Coarse Fines ^(a)	based on ISO 18846	%	3,15mm ≤FP<5,6 mm	0,6	***
	Additional parameters					
	Gross Cal. Value (q _{v,gr}) ^(a)	ISO 18125	kJ/kg	***	***	20.486
			kcal/kg	***	***	4.893
			kWh/kg	***	***	5,691
	Carbon (C) ^(a)	ISO 16948	%	***	***	50,7
	Hydrogen (H) ^(a)	ISO 16948	%	***	***	6,24
	Oxygen (O)	By difference	%	***	***	42,57
	Stowage factor	Calculated	m³/t	***	1,43	***

^(a) Performed by Bureau Veritas Commodities Ghent NV. under accreditation certificate Belac 393-TEST

EN ISO 9001:2015 EN ISO/IEC 17025:2017 EN*plus*®

Certified by TÜV NORD CERT GmbH; Certificate Registration No. 44 100 160 145 Accredited by BELAC; Certificate Registration No. 393-TEST Certification; listed body for the testing of wood pellets Certificate(s) can be provided upon request



The tests were carried out on samples supplied by the client and the results reported refer only to the samples as delivered. The test results relate only to the items tested

Laboratory testing is carried out in approved Bureau Veritas Group or approved subcontract laboratories

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REPORT OF ANALYSIS

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Туре Sample reference Sample material **Date received Received from** Preparation Analyses

- 5 Received sample
- Kindling woodpellets BE316 ÷
- Wood pellets ENplus A1 :
- : 26/06/2023

:

- : Prima Invest SPRL
- As per ISO 14780^(a) : Results were found to be as follows:

AFT IN OXIDIZING ATMOSPHERE (ISO 21404)								
- Shrinkage temperature (SST)		≥ 1200	1063					
- Deformation temperature (DT)	°C		1381					
- Hemisphere temperature (HT)	ΞU.		1454					
- Flow temperature (FT)			1463					

For and on behalf of Bureau Veritas Commodities Ghent NV Sylvie Rasselle **Technical Manager**

EN ISO 9001:2015 EN ISO/IEC 17025:2017 EN*plus*®

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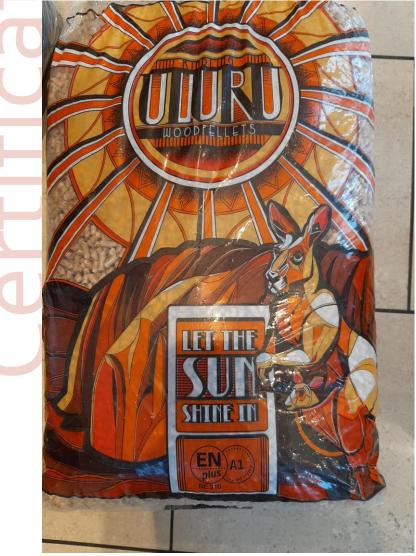
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 : 6/07/2023

PHOTOS OF THE SAMPLE

Type Sample reference Sample material Date received Received from

- : Received sample
- : Kindling woodpellets BE316
- : Wood pellets ENplus A1
- :26/06/2023
- : Prima Invest SPRL



EN ISO 9001:2015 EN ISO/IEC 17025:2017 EN*plus*®

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