Bureau Veritas Commodities Ghent N.V. Havennummer 4250R Keurestraat 29 9042 Desteldonk Belgium T: +32 (0) 9255 5454 F: +32 (0) 9255 5450 E: ghent.ops@bureauveritas.com www.bureauveritas.com

Registered: Chamber of Commerce Ghent no. 179403



Our refNr.	:	22001006A
Report date	:	9/09/2022

REPORT OF ANALYSIS

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- Type Sample reference Sample material Order number Date received Received from Preparation Analyses
- : Received sample
- : Bio Pellets Das Original
- : Wood pellets ENplus A1
- : n/a
- 26/08/2022 :
- : Prima Invest SPRL : As per ISO 14780 ^(a)

: Results were found to be as follows:

	Parameter	Method	Unit	Specifications	As received	Dry base
	EN <i>plus</i> required parameters				×S	•
	Total Moisture ^(a)	ISO 18134	%	≤ 10	6,2	***
	Ash ^(a)	ISO 18122	%	≤ 0,7	***	0,32
	Sulphur ^(a)	ISO 16994	%	≤ 0,04	***	0,01
	Net Cal. Value (q _{p,net}) ^(a)	ISO 18125	kWh/kg	≥ 4,6	4,908	***
	Nitrogen (N) ^(a)	ISO 16948	%	≤ 0,3	***	0,12
	Chlorine (Cl)	ISO 16994	%	≤ 0,02	***	0,0032
	Bulk density ^(a)	ISO 17828	kg/m ³	600 ≤ BD ≤ 750	680	***
	Mechanical durablilty ^(a)	ISO 17831-1	%	≥ 98,0	99,5	***
	Diameter	ISO 17829	mm	6±1 or 8±1	5,9	***
	Lenght	ISO 17829 ┥	mm	3,15 < L ≤ 40	15,1	***
	Fines < 3,15 mm round ^(a)	ISO 18846	%	bulk pellets ≤ 1,0	***	***
4				bagged pellets ≤ 0,5	0,2	***
	Additional parameters					
	<mark>Gr</mark> oss Cal. Value (q _{v,gr}) ^(a)	ISO 18125	kJ/kg	***	***	20.252
			kcal/kg	***	***	4.837
			kWh/kg	***	***	5,626
	Carbon (C) ^(a)	ISO 16948	%	***	***	50,5
	Hydrogen (H) ^(a)	ISO 16948	%	***	***	6,14
	Oxygen (O)	By difference	%	***	***	42,91
	Stowage factor	Calculated	m³/t	***	1,47	***

^(a) Performed by Inspectorate Ghent 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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Our refNr.	1	22001006A
Report date	:	9/09/2022

REPORT OF ANALYSIS

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Туре	:	Received sample
Sample reference	:	Bio Pellets Das Original
Sample material	:	Wood pellets ENplus A1
Order number	:	n/a
Date received	:	26/08/2022
Received from	:	Prima Invest SPRL
Preparation	:	As per ISO 14780 ^(a)
Analyses	:	Results were found to be as follows:

AFT IN OXIDIZING ATMOSPHERE (ISO 21404	4) ⁽¹⁾		.0.
- Shrinkage temperature (SST)			1153
- Deformation temperature (DT)	°C	≥ 1200	1342
- Hemisphere temperature (HT)			1396
- Flow temperature (FT)		×℃ `	1401

For and on behalf of Bureau Veritas **Commodities Ghent NV** Sylvie Rasselle Solid Fuels Business Manager

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

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 Our ref.-Nr.
 : 22001006A

 Report date
 : 9/09/2022

PHOTOS OF THE SAMPLE

Type Sample reference Sample material Order number Date received Received from

- : Received sample
- : Bio Pellets Das Original
- : Wood pellets ENplus A1
- :n/a
- : 26/08/2022
- : Prima Invest SPRL



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



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