

Analytical Report

Control Union Certifications Germany GmbH

Attn: . .
Dorotheastrasse 30
D-10318 Berlin
Germany

Reportnr. : 1120132 version 1	Disponent Number : 835556
Product recognized as : Hout/Wood/Bois/Holz/Madera	Sampling Date : 11-Oct-2020
Product Specification : Woodpellets 6mm	Sample size (kg) : 7,569
Reference :	Sealed / Seal Code : No /
AWB / BarCode : GE521040834WW	Sample Arrival Date : 22-Oct-2020 14:56
Packing : Plastic, ambient	Report Date Version : 28-Oct-2020 13:44
Sample Type : BIS	
Buyer : DOK Enisey LLC	

Composition Determination

Parameter	Result (as received)	Result (on dry)	Result (as det)	Result (dry ash free)		
Total Moisture	4,82			%		O
Moisture Airdry			7,00	%	Q	R
Ash	0,18	0,19	0,18	%	Q	R
Volatile matter incl. moisture.			85,97	%	Q	R
Volatile matter	80,83	84,92	78,97	85,08 %		
Fixed Carbon	14,17	14,89		%		
Gross Calorific Value	4736,4	4976,2	4627,8	4985,8 kcal/kg	Q	R
	19,83	20,83	19,38	20,87 GJ/mt		
Nett Calorific Value (cV)	8525,5	8957,2	8330,0	8974,5 B.T.U.'s/Lb		
	4417,7			kcal/kg	Q	
	18,50			GJ/mt		
	7951,8			B.T.U.'s/Lb		
	5,1			kWh/kg		
Nett Calorific Value (cP)	18,42			GJ/mt	Q	
Emissionfactor CO2 (cV)	97,30			t CO2/TJ		
Emissionfactor CO2 (cP)	97,70			t CO2/TJ		
Hydrogen	5,93	6,23	6,58	6,24 %	Q	R
Carbon	49,08	51,56	47,95	51,66 %	Q	R
Nitrogen.	< 0,05	< 0,05	< 0,05	< 0,05 %	Q	R
S. (Sulfer)	< 0,010	< 0,010	< 0,010	< 0,010 %	Q	R
Oxygen (by difference)				42,090 %		

Preparation

Common

Parameter	Result (as received)	Result (on dry)	Result (as det)		
Preparation sample	Biomass preparation in accordance with NEN EN 14780 and NEN EN 15443			Q	R

Composition Determination

Common

Parameter	Result (as received)	Result (on dry)	Result (as det)		
AFT. (oxid) DT			1480	gr. C	R

Demanded 22-Oct-2020 by Control Union Certifications Germany GmbH
Analyses according to annex
Drs. ing. H. Janssens Director TLR International Laboratories

