

**INSPECTORATE**

Our ref.-Nr. : 16000061/06 C
Report date : 1/02/2016

Page 1/1

REPORT OF ANALYSIS

Type : Received sample
Material : Washed Columbian Coal 12/25 mm
Order number : B024
Received the : 25/01/2016
Sample preparation : As per ISO 18283
Analyses : Results were found to be as follows:

CHEMICAL ANALYSES			As received	Dry base
Total Moisture ^(a)	ISO 579	%	13,5	***
Ash ^(a)	ISO 1171	%	0,99	1,15
Volatile Matter ^(a)	ISO 562	%	35,6	41,2
Fixed Carbon	ASTM D 3172	%	49,91	57,65
Sulphur (S) ^(a)	ISO 19579	%	0,44	0,51
Carbon (C) ^(a)	ISO 29541	%	67,6	78,2
Hydrogen (H) ^(a)	ISO 29541	%	4,54	5,25
Gross Cal. Value (q _{v,gr}) ^(a)	ISO 1928	kJ/kg	27.879	32.230
			kcal/kg	6659
Net Cal. Value (q _{v,net}) ^(a)	ISO 1928	kJ/kg	26.633	31.149
			kcal/kg	6361

CO ₂ - Emissionfactor ^(a)	(EU Guideline)	t CO ₂ /TJ	93,00
	2007/589/EC	t CO ₂ /t	2,477

SCREEN ANALYSIS (ISO 1953)		
(mm, round, a.r.)	%	%-cum.
+ 25	2,2	2,2
25 / 12,5	92,0	94,2
- 12,5	5,8	100,0

^(a) Analyses under ISO 17025 accreditation.

For and on behalf of
Inspectorate
R. Mertens