BELAB AB

ANALYSCERTIFIKAT
Certificate of analysis

Sample# 121033
Rapportdatum: 2012-03-22
Arrival date 2012-03-16

SampleID
Sample type
ID.nmbr
Marked

Customer reference Order nmbr

Analysis	Results	Unit	Note	Laboratory	Norm
Moisture, 105°C	5.6	%		Belab	SS-EN 14774:2009/15414:2011
Ash, 550°C	0.8	% ts		Belab	SS-EN 14775:2009/15403:2011
Ash, 550°C ar	0.8	%		Belab	SS-EN 14775:2009/15403:2011
Carbon(C) ar	47.1	%		Belab	SS-EN 15104:2011/15407:2011
Carbon (C) db	49.9	% ts		Belab	SS-EN 15104:2011/15407:2011
Hydrogen (H) ar	6.4	% *		Belab	SS-EN 15104:2011/15407:2011
Hydrogen (H) db	6.1	% ts		Belab	SS-EN 15104:2011/15407:2011
Nitrogen (N) ar	0.15	%		Belab	SS-EN 15104:2011/15407:2011
Nitrogen (N) db	0.16	% ts		Belab	SS-EN 15104:2011/15407:2011
Oxygen (O) ar	45.6	% *		Belab	Calculated
Oxygen (O) db	43.0	% ts		Belab	Calculated
Sulphur (S) ar	<0.012	%		Belab	SS-EN 15289:2011/15408:2011
Sulphur (S) db	<0.012	% ts		Belab	SS-EN 15289:2011/15408:2011
Gross cal. value Const volume ar	19.024	MJ/kg		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press ar	17.635	MJ/kg		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press db	18.826	MJ/kg		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press db ashfree	18.984	MJ/kg		Belab	SS-EN 14918:2010/15400:2011
Gross cal. value Const volume ar	4543	Kcal/kg		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press ar	4211	Kcal/kg		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press db	4496	Kcal/kg		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press db ashfree	4533	Kcal/kg		Belab	SS-EN 14918:2010/15400:2011
Gross cal. value Const volume ar	5.283	MWh/ton		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press ar	4.897	MWh/ton		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press db	5.228	MWh/ton		Belab	SS-EN 14918:2010/15400:2011
Net cal. value Const press db ashfree	5.272	MWh/ton		Belab	SS-EN 14918:2010/15400:2011
AF - Shrinking Temp, ST	1050	°C		Belab	prEN 15370:2007/15404:2010
AF - Deformation Temp, DT	1340	°C		Belab	prEN 15370:2007/15404:2010
AF - Hemisphere Temp, HT	1360	°C		Belab	prEN 15370:2007/15404:2010
AF - Flow Temp, FT	1380	°C		Belab	prEN 15370:2007/15404:2010
Bulkdensity	663#	kg/m³		Belab	-
Mechanical Durability, Pellets	96.4	%		Belab	SS-EN 15210:2010/15639:2007
Particle size (fines), pellets <3.15mm	0.5	%		Belab	SS-EN 15149:2010/15415:2011

Mätosäkerhet, se BILAGA TILL ANALYSRAPPORT.
ar = as received, db = dry basis, * = water included, # = not accredited

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Kenneth Abrahamsson

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Analysis	Results	Unit	Note	Laboratory	Norm
Sievingsample Weigth	55	g		Belab	
Sieve: 3,15 mm	0.1	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 2,5 mm	0.4	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 2,0 mm	1.7	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 1,6 mm	4.3	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 1,0 mm	19.2	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 0,85 mm	7.1	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 0,71 mm	9.3	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 0,50 mm	17.8	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: <0,50 mm	40.1	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 3,15 mm	0.1	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 2,8 mm	0.1	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 2,0 mm	2.0	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 1,4 mm	8.9	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 1,0 mm	14.6	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 0,5 mm	34.1	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: 0,25 mm	22.3	%		Belab	SS-EN 15149:2010/15415:2011
Sieve: <0,25 mm	17.8	%		Belab	SS-EN 15149:2010/15415:2011

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