

SABS Coal CRMs												
	Gross CV (MJ/Kg)	Ash Content	Volatile Matter (ISO)	Total Sulfur	Phosphorous in Coal	Total Carbon	Hydrogen in Coal	Nitrogen in Coal	Material	150g Bottles	100g Bottles	4kgBuckets
CCS 008B	27.55	15.8%	25.6%	0.49%	0.111%	71.19%	3.85%	1.70%	CCS 008B	-	368	-
CRM 023		16.5%	25.6%	0.37%	0.102%	68.25%	3.63%	1.62%	CRM 023	73	-	-
CRM 037	28.03	15.3%	24.8%	0.48%	0.102%	71.17%	3.67%	1.72%	CRM 037	35	26	42
CRM 039	22.68	24.5%	23.3%	0.75%	0.079%	59.97%	2.93%	1.56%	CRM 039	80	-	-
CRM 042 (R)	21.95	26.7%	22.4%	0.78%	0.100%	57.78%	2.98%	1.46%	CRM 042	18	-	-
CRM 043	23.21	22.3%	23.8%	0.74%	*	61.69%	3.03%	1.56%	CRM 043	3	-	-
CRM 045	27.76	15.5%	24.5%	0.49%	*	71.24%	3.73%	1.71%	CRM 045	5	22	5
CRM 046	28.73	11.9%	26.9%	0.66%	*	74.21%	3.77%	1.76%	CRM 046	20	-	-
CRM 051	16.29	39.7%	20.9%	0.72%	0.109%	44.44%	2.45%	1.10%	CRM 051	12	-	21
CRM 052	31.97	7.9%	5.2%	0.85%	0.020%	85.79%	2.47%	1.77%	CRM 052	22	-	-
CRM 055	29.12	14.1%	11.5%	0.88%	0.031%	75.70%	2.93%	1.93%	CRM 055	30	90	15
CRM 057	13.93	51.7%	15.2%	2.23%	0.093%	37.36%	1.96%	0.90%	CRM 057	351	7	-
CRM 058	20.18	31.1%	23.1%	0.50%	0.023%	53.64%	3.06%	1.33%	CRM 058	199	77	8
CRM 059	28.33	16.0%	11.0%	0.82%	0.031%	74.50%	2.84%	1.79%	CRM 059	250	-	-
CRM 060	27.96	14.0%	20.7%	0.65%	0.019%	72.55%	3.58%	1.71%	CRM 060	206	90	13
CRM 062	30.17	11.5%	5.3%	1.74%	0.040%	82.28%	2.16%	1.83%	CRM 062	94	2	-
CRM 063	28.62	14.5%	12.8%	0.88%	0.040%	74.84%	2.95%	1.96%	CRM 063	211	-	16
CRM 064	27.98	15.1%	27.1%	0.48%	0.134%	70.33%	3.94%	1.70%	CRM 064	216	324	-
CRM 065	32.07	8.0%	5.7%	0.97%	0.020%	85.60%	2.68%	1.84%	CRM 065	-	-	18
CRM 066	27.73	15.02%	24.11%	0.57%	0.110%	71.97%	3.62%	1.71%	CRM 066	50	-	18
CRM 068	25.60	27.09%	21.22%	0.95%	0.038%	63.47%	3.57%	1.46%	CRM 068	-	-	-
CRM 069	32.06	8.22%	6.10%	1.06%	0.018%	85.36%	2.66%	1.89%	CRM 069	-	-	-

* Not enough values for certification.

All of the above values are reported on Dry Basis

SABS Ash CRMs

Element	Al2O3 %	CaO %	Fe2O3 %	K2O3 %	MgO %	Na2O %	P2O5 %	SO3 %	SiO2 %	TiO2 %	20g bottles
SABS 109	37.96	2.84	2.54	1.19	1.19	2.07	0.31	2.57	45.66	1.97	59
SABS 115	40.13	1.46	2.12	1.87	1.77	2.98	0.45	0.78	44.94	2.01	5

2. Roga Std	20kg
3. Benzoic Tablets 1g	100
4. Bezoic Tablets 0.5g	103