

## The “Ultimates” Coal

Art. ID	AR-2775
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

### Description

Please note the the values vary from lot to lot

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Ash		7,46 ± 0,42	%	ASTM D3174 /D7582	
	Volatile matter		44,04 ± 1,71	%	ASTM D3174 /D7582	
	Fixed Carbon (calculate d)		~48,5	%	ASTM D3172	
	Sulfur	[7704-34-9]	0,61 ± 0,04	%	ASTM D4239	
	BTU/Lb		11482 ± 82		ASTM D5865	
	Carbon	[7440-44-0]	67,7 ± 1,72	%	ASTM D5373	
	Hydrogen	[1333-74-0]	4,66 ± 0,84	%	ASTM D5373	
	Nitrogen	[7727-37-9]	0,96 ± 0,05	%	ASTM D5373	
	Oxygen (calculated)		~18,6	%	ASTM D3176	
	Silica	[112945-52-5]	29,44 ± 1,47	%	ASTM D4326 /D6349	
	Aluminium (Al)	[7429-90-5]	15,96 ± 1,24	%	ASTM D4326 /D6349	
	Titania		1,12 ± 0,08	%	ASTM D4326 /D6349	
	Ferric Oxide		5,39 ± 0,37	%	ASTM D4326 /D6349	
	Calcium oxide	[1305-78-8]	22,86 ± 2,13	%	ASTM D4326 /D6349	
	Magnesium oxide	[1309-48-4]	5,54 ± 0,22	%	ASTM D4326 /D6349	
	Potassium Oxide		0,38 ± 0,10	%	ASTM D4326 /D6349	
	Sodium oxide	[1313-59-3]	1,48 ± 0,33	%	ASTM D4326 /D6349	
	Sulfur trioxide	[7446-11-9]	15,87 ± 2,18	%	ASTM D4326	

					/D6349
Phosphorus Pentoxide	[1314-56-3]	0,54 ± 0,11	%		ASTM D4326
					/D6349
Strontium oxide	[1314-11-0]	~0,46	%		ASTM D4326
					/D6349
Barium oxide	[1304-28-5]	0,55 ± 0,06	%		ASTM D4326
					/D6349
Manganese Oxide		~0,05	%		ASTM D4326
					/D6349
Pyritic		~0,04	%		ASTM D2492
Organic (calculated)		~0,51	%		ASTM D2492
Sulfate		~0,06	%		ASTM D2492