

# Coal and coke reference materials

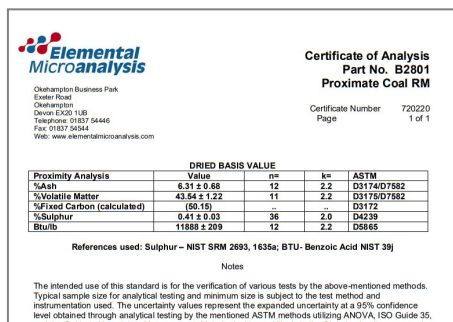
## Proximate coal reference materials

Our ISO 9001 produced proximate coal standards provide certified values for key coal characteristics in addition to sulfur.

These versatile reference materials can be used in thermogravimetric (TGA) analysers and calorimeters as well as combustion elemental analysers at one great price.

The 12 proximate coal reference materials have certified values for sulfur, ash, volatile matter, fixed carbon and British thermal unit BTU/lb.

Our proximate coal reference materials are supplied as finely ground powders, tested to ASTM specifications and are metrologically traceable through calibration to a primary standard e.g. NIST SRM 1635a. This information is provided on the certificate of analysis as well as expanded uncertainty for the values certified.



B2801 Proximate coal reference material

% Sulfur	% Ash	% Vol. matter	% Fixed carbon*	BTU/lb	Part no.
0.41	6.31	43.54	50.15	11888	B2801
0.52	5.03	29.48	65.49	12572	B2802
0.54	20.97	7.01	72.02	11336	B2813
0.61	7.56	36.31	56.13	13182	B2814**
0.81	21.02	15.76	63.22	11323	B2803
0.85	8.16	45.13	46.71	11278	B2804
1.42	17.26	32.27	50.47	12216	B2805**
1.80	41.64	26.39	31.97	8377	B2811**
2.01	47.09	23.47	29.44	7409	B2806
3.04	19.33	30.37	50.30	11571	B2809
5.38	23.64	32.24	44.12	10031	B2810
6.55	46.00	21.70	32.30	6829	B2812

\*calculated

\*\*values not traceable to primary reference material

Typical values shown. Actual values vary slightly from batch to batch; true values are shown on the certificate of analysis provided.

Looking for more detailed analysis? Try our ultimate coal reference materials. We also supply competitively priced sulfur only certification.

The full range of coal and coke reference materials along with their current certified values can be downloaded from our website.

Available to order from our ISO 9001 factory online, by email, telephone or fax. Elemental Microanalysis offers extensive knowledge of analysis, over 40 years of experience and a worldwide reputation for excellence.

### Elemental Microanalysis Ltd

1 Hameldown Road, Okehampton, EX20 1UB, UK  
 t. +44(0)1837 54446 • www.elementalmicroanalysis.com •  
 enquiries@microanalysis.co.uk



Available from your local Dealer:

