

Coal and coke reference materials

Coals and cokes certified for sulfur only

Elemental Microanalysis has a large range of ISO 9001 produced coal and coke reference materials.

Our competitively priced sulfur only certification range features 33 coal and coke reference materials with sulfur values ranging from 0.00% to 7.06%.

Our certified for sulfur only coals and cokes 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 2682c. This information is provided on the certificate of analysis as well as expanded uncertainty for the values certified.



B2301 sulfur in coal reference material



Did you know that our range of coal reference materials also includes proximate and ultimate certification? Each offers a different set of analysis values.

The proximate and ultimate coal reference materials offer additional certified analysis values, such as: % Ash, % volatile matter, BTU/lb, % fixed carbon (calculated), % Carbon, % Hydrogen and % Nitrogen.

We also offer more detailed certified analysis of petroleum coke standards, providing a similar set of analysis values to our proximate coal reference materials.

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

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enquiries@microanalysis.co.uk



Available from your local Dealer:



Coals and cokes certified for sulfur

Sulfur in coal

% Sulfur	Pack	Part no.	Description
0.00	50g	B2313*	Ultra low sulfur coal standard
0.022	50g	B2314*	Ultra low sulfur coal standard
0.055	50g	B2326*	Ultra low sulfur coal standard
0.102	50g	B2327*	Ultra low sulfur coal standard
0.146	50g	B2328*	Ultra low sulfur coal standard
0.35	50g	B2300	Coal standard sulfur range
0.48	50g	B2301	Coal standard sulfur range
0.76	50g	B2302	Coal standard sulfur range
0.87	50g	B2303	Coal standard sulfur range
1.07	50g	B2304	Coal standard sulfur range
1.18	50g	B2339	Coal standard sulfur range
1.46	50g	B2305	Coal standard sulfur range
1.71	50g	B2340	Coal standard sulfur range
2.04	50g	B2306	Coal standard sulfur range
2.63	50g	B2307	Coal standard sulfur range
3.03	50g	B2308	Coal standard sulfur range
3.54	50g	B2309	Coal standard sulfur range
4.25	50g	B2310	Coal standard sulfur range
5.13	50g	B2311	Coal standard sulfur range
5.83	50g	B2312	Coal standard sulfur range
7.06	50g	B2341	Coal standard sulfur range

* below ASTM D4239 test limits

** certified values not traceable to a primary standard

Sulfur in coke

% Sulfur	Pack	Part no.	Description
0.43	50g	B2342**	Coke (green petroleum)
0.47	50g	B2317	Coke standard
0.49	50g	B2343	Coke (green petroleum)
0.61	50g	B2315	Coke standard
0.88	50g	B2344	Coke (green petroleum)
1.20	50g	B2345**	Coke (green petroleum)
1.21	50g	B2316	Coke standard
2.21	50g	B2347**	Coke (green petroleum)
2.47	50g	B2346	Coke (green petroleum)
2.50	50g	B2348	Coke (green petroleum)
4.34	50g	B2349	Coke (green petroleum)
5.43	50g	B2386	Coke (green petroleum)

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

Certificates for the current batch of each product can be viewed on our website.

Our ISO 9001 produced coal and coke reference materials range also includes proximate coals, ultimate coals and green petroleum cokes.

The proximate coal, ultimate coal and petroleum coke reference materials offer additional certified analysis values such as: % Ash, % Vol. matter, BTU/lb, % Fixed Carbon (calculated), % Carbon, % Hydrogen, % Nitrogen, % Oxygen.

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