



- **Other samples available in the ACIRS range**

- **ACIRS-S2B-2015 is now available for sale and supersedes ACIRS-S1B after depletion of stock.**
- **ACIRS-S2B has assigned property values for total sulfur in addition to assigned values for mercury, chlorine and fluorine.**

	ACIRS-S2B-2015
Total Sulfur, % d	0.692
Chlorine, % d	0.027
Mercury, mg/kg d	0.057
Fluorine, mg/kg d	37

- **ACIRS-S2B complements the existing range of Sulfur Reference materials.**

	Total Sulfur, % d
ACIRS-S1A	0.42
ACIRS-S2B	0.69
ACIRS-S1C	1.46
ACIRS-S1D	2.47

GENERAL COAL REFERENCE MATERIALS

	ACIRS-G6	ACIRS-M1
Ash, % d	10.7	18.7
Volatile Matter, % d	19.9	32.8
Calorific Value, MJ/kg d	32.15	28.36
Total Sulfur, % d	0.59	2.39
Carbon, % d	79.4	67.4
Hydrogen, % d	4.33	4.73
Nitrogen, % d	1.75	1.34
Carbonate Carbon, % d	0.06	0.04
Phosphorus, % d	0.022	0.098
Relative Density, d	1.37	1.42
Chlorine, % d	0.041	0.014*
Pyritic Sulfur, % d	0.05	0.07*
Sulfate Sulfur, % d	0.01	0.21*
Fluorine, mg/kg d	67	149
Mercury, mg/kg d	0.026	0.120

* Indicative values

HARDGROVE GRINDABILITY INDEX REFERENCE MATERIAL SET ACIRS-H4-2014

	HGI
Sample A	30
Sample B	47
Sample C	64
Sample D	87

ELECTRODE CARBON ACIRS-EC-2011

For use in Gray-King Coke Tests
AS1038.12.2 and ISO 502.

