



ASCRM, ASRM, ASTM and other Coal and Coke Standards available from **CHOICE ANALYTICAL**

## Coal, Coke and Electrode Carbon Standards from Standards Australia ASCRM, ASRM and ASTM etc.

Part No.	Description	Unit of Sale
ASRM 010-2	Coal Ash Standard	100g
ASCRM 011-12	ASCRM Hardgrove Grindability Index Standards (Set of 4)	NO LONGER AVAILABLE
90-9300-10	ASTM Hardgrove Grindability Index Standards (Set of 4)	4 x 1kg
ASCRM 012A-2	Coal Standard 0.33 % S	125g
ASCRM 012B-4	Coal Standard 0.72 % S	250g
ASCRM 012C-3	Coal Standard 1.22 % S	125g
ASCRM 012D-2	Coal Standard 5.21 % S	125g
ASCRM 013-12	Coal Standard 013-12	NO LONGER AVAILABLE
ASCRM 014	Coke Standard (**See below for Certified Values)	200g
ASRM 015	Coal Relative Density	250g
ASCRM 003-2	Electrode Carbon (Gray-King coke-type test)	NO LONGER AVAILABLE

Other SAI Reference Materials are available upon request

### \*\* Certified Analytical Values for Coke ASCRM 014

Determination	Mean	Standard Deviation
Ash	12.23% dry basis	0.086
Volatile matter	1.04% dry basis	0.192
Total carbon	85.65% dry basis	0.275
Hydrogen	0.32% dry basis	0.024
Nitrogen	0.82% dry basis	0.285
Total sulfur	0.314% dry basis	0.017
Phosphorus	0.09% dry basis	0.004
Gross calorific value (MJ/kg dry basis)	28.26	0.326
Relative density (dry basis)	1.87	0.053

NOTES:

1. A list of the participating laboratories is included in the report.
2. All coke samples oxidize with time and their composition, as determined by analysis, changes. Efforts have been made to stabilize ASCRM 014 to minimize such changes.
3. To minimize the risk of compositional change, the container lid should be kept tightly sealed and the coke sample stored in a cool, dark place.

