



Title: Specification for Petroleum Coke

Components	Units	Results
Fixed Carbon	wt%	80 – 95
Hydrogen	wt%	3.0 – 4.5
Nitrogen	wt%	0.1 – 0.5
Sulphur	wt%	1
Volatile Matter	wt%	0.35 – 0.5
Moisture	wt%	0.01 – 0.5
Ash	wt%	0.2 – 1
Density	g/cm ³	1.2 – 1.6
Aluminium	PPM	15 – 100
Boron	PPM	0.1 – 15
Calcium	PPM	25 – 500
Chromium	PPM	5 – 50
Cobalt	PPM	10 – 60
Iron	PPM	50 – 5000
Manganese	PPM	2 – 100
Molybdenum	PPM	10 – 20
Nickel	PPM	10 – 500
Potassium	PPM	20 – 50
Silicon	PPM	50 – 600
Sodium	PPM	40 – 70
Titanium	PPM	2 – 60
Vanadium	PPM	5 – 10
Gross Calorific Value (GCV ADB)	Kcal/kg	8100