## Chemical Analysis of Fuel Samples



PREPARATION		
Moisture, Total	%	
METALS		
Antimony	mg/kg	
Arsenic	mg/kg	
Cadmium	mg/kg	
Chromium	mg/kg	
Cobalt	mg/kg	
Copper	mg/kg	
Lead	mg/kg	
Manganese	mg/kg	
Mercury	mg/kg	
Nickel	mg/kg	
Thallium	mg/kg	
Vanadium	mg/kg	
INORGANICS		
Bulk Density	kg/m3	
Bromine	%	
Chlorine (as received)	%	
Chlorine (dry ash free)	%	
Chlorine (dry basis)	%	
Chlorine (as analysed)	%	
Fluorine	%	

FUEL ANALYSIS		
Gross Calorific Value (as received)	MJ/kg	
Gross Calorific Value (dry basis)	MJ/kg	
Gross Calorific Value (dry ash free)	MJ/kg	
Net Calorific Value (as received)	MJ/kg	
Net Calorific Value (dry basis)	MJ/kg	
Ash Content (as received)	%	
Ash Content (dry basis)	%	
Volatile Matter (as received)	%	
Volatile Matter (dry basis)	%	
Volatile Matter (dry ash free)	%	
Carbon (as received)	%	
Carbon (dry basis)	%	
Carbon (dry ash free)	%	
Hydrogen (as received)	%	
Hydrogen (dry basis)	%	
Hydrogen (dry ash free)	%	
Nitrogen (as received)	%	
Nitrogen (dry basis)	%	
Nitrogen (dry ash free)	%	
Oxygen - by difference (as received)	%	
Oxygen - by difference (dry basis)	%	
Oxygen - by difference (dry ash free)	%	
Sulphur (as received)	%	
Sulphur (dry basis)	%	
Sulphur (dry ash free)	%	
ASH MELTING BEHAVIOUR		
Ash Shrinking Temperature	°C	
Ash Deformation Temperature	°C	
Ash Hemisphere Temperature	Ç	
Ash Flow Temperature	°C	