

# ENVIROCOAL 5000

## Proximate Analysis

Moisture  
Air Dried Moisture  
Ash  
Total Sulphur  
Volatile Matter  
Fixed Carbon  
Calorific value  
Calorific value  
HGI

Unit	Basis	Typical
%	ARB	27
%	ADB	14.5
%	ADB	3
%	ADB	0.15
%	ADB	42
%	ADB	40.5
kcal/kg	GAR	4900
kcal/kg	NAR	4550
-	-	45

## Ultimate Analysis

Carbon  
Hydrogen  
Nitrogen  
Oxygen  
Sulphur

%	DAF	74
%	DAF	5
%	DAF	0.9
%	DAF	20
%	DAF	0.1

## Ash Fusion Temperature

**(Reducing Atmosphere)**

Deformation  
Hemisphere  
Flow

°C	-	1150
°C	-	1175
°C	-	1200

## Ash Analysis

Silicon SiO<sub>3</sub>  
Aluminum Al<sub>2</sub>O<sub>3</sub>  
Iron Fe<sub>2</sub>O<sub>3</sub>  
Calcium Ca O  
magnesium Mg O  
Sodium Na<sub>2</sub>O  
Potassium K<sub>2</sub>O  
Phosphorus P<sub>2</sub>O<sub>5</sub>  
Titanium TiO<sub>2</sub>  
Sulphates SO<sub>3</sub>  
Manganese Mn<sub>3</sub>O<sub>4</sub>

%	DB	39
%	DB	13.5
%	DB	16
%	DB	15
%	DB	7
%	DB	0.3
%	DB	0.9
%	DB	0.2
%	DB	0.8
%	DB	7.1
%	DB	0.2