



## SRI DEVI LIQUIDS

CASHEW CAKE (DOC)

## Product : Cashew Shell Cake (DOC)

Cashew Shell Cake is a rich source of energy and can be used as a fuel source in boilers or as a substitute for coal. It has a high calorific value and burns cleanly, making it an eco-friendly fuel option.

S.No	Characteristics	Specifications
1	Gross Calorific Value	5056 Koal / Kg
2	Proximate analysis (% weight)	
	Moisture	8.85
	Volatile matter	68.03
	Ash	2
	Fixed Carbon	21.12
3	Ultimate Analysis	
	Carbon	46.08
	Hydrogen	3.88
	Nitrogen	0.21
	Sulphur	NIL
	Moisture	8.85
	Ash	2
	oxygen	38.98
4	Bulk density	0.4430g/cc
5	Ash Chemical composition (% by weight)	
	Silca (SiO <sub>2</sub> )	61.83
	Iron Oxide (as Fe <sub>2</sub> O <sub>3</sub> )	3.99
	Aluminium Oxide	1.99
	Calcium Oxide (as CaO)	25.64
	Magnesium Oxide ( as MgO)	1.88
	Sodium Oxide (as Na <sub>2</sub> O)	0.65
	Potassium (as P <sub>2</sub> O <sub>5</sub> )	Traces
	Sulphate ( as P <sub>2</sub> O <sub>5</sub> )	Traces
	Phosphate ( as P <sub>2</sub> O <sub>5</sub> )	Traces
6	Ash Fusion Characteristics	
	Intial defoamation temperature (T1)	840
	Herrisphericla temperature (T2)	920
	Fusion temperature (T3)	1010

Sincerely,


**Rajesh.P**

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