



SRI DEVI LIQUIDS

(A Unit of Sri Devi Group)

Product: DOC

Rajahmundry Road, Peddapuram-533437, East Godavari District, Andhra Pradesh

www.sridevigroup.com ,sdevigroup@gmail.com

Cashew Nut Shell Cake(DOC)

1	Gross Calorific Value	5056 Koal / Kg
2	Proximate analysis (% weight)	
	Moisture	8.85
	Volatile matter	68.03
	Ash	2.00
	Fixed Carbon	21.12
3	Ultimate Analysis	
	Carbon	46.08
	Hydrogen	3.88
	Nitrogen	0.21
	Sulphur	NIL
	Moisture	8.85
	Ash	2.00
	Oxygen	38.98
4	Bulk density	0.4430g/cc
5	Ash Chemical composition (% by weight)	
	Silca (SiO ₂)	61.83
	Iron Oxide (as Fe ₂ O ₃)	3.99
	Aluminium Oxide	1.99
	Calcium Oxide (as CaO)	25.64
	Magnesium Oxide (as MgO)	1.88



SRI DEVI LIQUIDS

(A Unit of Sri Devi Group)

Product: DOC

Rajahmundry Road, Peddapuram-533437, East Godavari District, Andhra Pradesh

www.sridevigroup.com ,sdevigroup@gmail.com

	Sodium Oxide (as Na ₂ O)	0.65
	Potassium (as P ₂ O ₅)	Traces
	Sulphate (as P ₂ O ₅)	Traces
	Phosphate (as P ₂ O ₅)	Traces
6	Ash Fusion Characteristics	
	Initial defoamation temperature (T ₁)	840
	Herrisphericla temperature (T ₂)	920
	Fusion temperature (T ₃)	1010