

**Laboratory** CSIR-Central Institute of Mining & Fuel Research, CIMFR Regional Center, P.O. Namkum, Ranchi, Jharkhand  
**Accreditation Standard** ISO/IEC 17025: 2005  
**Certificate Number** TC-5897 **Page 1 of 1**  
**Validity** 30.06.2017 to 29.06.2019 **Last Amended on --**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**CHEMICAL TESTING**

I.	<b>SOLID FUELS</b>			
1.	Coal	Moisture (Air dried)	IS 1350 (Part 1)	0.5% to 40.0% (by mass)
		Moisture (Equilibrated at 60% RH and 40 °C)		0.5% to 40.0% (by mass)
		Ash		2.0% to 85.0% (by mass)
		Moisture (Air Dried)	ASTM D 7582	0.5% to 40.0% (by mass)
		Ash		2.0% to 85.0% (by mass)
		Gross Calorific Value (GCV)	ASTM D 5865	1000 to 8900 kcal/kg