

Laboratory **Quality Services & Solutions (Goa), Hospet Branch,
Shed No. C-11, Industrial Estate, Dam Road, Hospet, Karnataka**

Accreditation Standard **ISO/IEC 17025: 2005**

Discipline **Chemical Testing** **Issue Date** **05.06.2014**

Certificate Number **T-2999** **Valid Until** **04.06.2016**

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. ORES & MINERALS				
1.	Iron Ore	Iron	IS 1493-1981	20 - 70%
		Ferrous Oxide	(Reaffirmed-2006)	0.2 - 80%
		Silica		0.2 - 25%
		Alumina	IS 1493 & IBM for Al ₂ O ₃	0.1 - 50%
		Manganese	IS 1493-1981	0.1 - 28%
		Phosphorus	(Reaffirmed-2006)	0.01 - 0.2%
		Sulphur		0.005 - 0.1%
		Calcium		0.005 - 0.015%
		Magnesium		0.005 - 0.015%
		Sodium Oxide		0.001 - 0.015%
		Potassium Oxide		0.001 - 0.015%
		Loss of Ignition		0.1 - 10%
		Moisture		0.5 - 20%
		2.	Manganese Ore	Manganese
Manganese Dioxide	(Reaffirmed-2010)			3.0 - 85%
Iron				5.0 - 35%
Silica				0.2 - 15%
Alumina				0.01 - 10%
Phosphorus				0.01 - 0.10%
Sulphur				0.005 - 0.1%

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