



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name S.K.LABORATORY & ASSOCIATES, SERENDA,BARBIL,DT-KEONJHAR, BARBIL, ODISHA , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7606 Page No. : 1 / 2

Validity 22/07/2019 to 24/07/2020 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- ORES & MINERALS	Iron ores	Alumina as Al ₂ O ₃	IS 1493 P-1 1981: 2016	0.80 % to 10.00 %
2	CHEMICAL- ORES & MINERALS	Iron ores	Alumina as Al ₂ O ₃	Manual of procedure for chemical & instrumental analysis of ores, minerals, ore dressing products & environmental samples, Indian bureau of mines . Page 8 and 9.: 2012	0.80 % to 10.00 %
3	CHEMICAL- ORES & MINERALS	Iron ores	Bulk Density	IS 5842- 1986, Clause 5.2: 2014	1.5 Mt/m ³ to 4.5 Mt/m ³
4	CHEMICAL- ORES & MINERALS	Iron Ores	Bulk Density	ISO 3852 Method-1: 2007	1.5 Mt/m ³ to 4.5 Mt/m ³
5	CHEMICAL- ORES & MINERALS	Iron ores	Iron as Fe	IS 1493(Part 1)-1981: 2016	25 % to 70 %
6	CHEMICAL- ORES & MINERALS	Iron ores	Iron as Fe	IS 1493 P-1 1981: 2016	25 to 70
7	CHEMICAL- ORES & MINERALS	Iron ores	Loss On Ignition(LOI)	Manual of procedure for chemical & Instrumental Analysis of ores, Minerals, ore Dressing Products & Environmental sample Indian Bureau of Mines .Page no. 292.: 2012	1.0 % to 20.00 %
8	CHEMICAL- ORES & MINERALS	Iron ores	Phosphorous as P	IS 1493 P-1 1981: 2016	0.05 % to 0.20 %



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9	CHEMICAL- ORES & MINERALS	Iron ores	Silica as SiO ₂	IS 1493 P-1 1981: 2016	0.50 % to 10.00 %
10	CHEMICAL- ORES & MINERALS	Iron ores	Total Moisture	IS 11690-1986: 2014	2.00 % to 20.00 %
11	CHEMICAL- ORES & MINERALS	Iron ores	Total Moisture	IS 1493 P-1 1981: 2016	2.00 % to 20.00 %
12	CHEMICAL- ORES & MINERALS	Manganese ores	Alumina as Al ₂ O ₃	Manual of procedure for chemical & Instrumental Analysis of ores,Minerals,ore Dressing products & Environmental sample Indian Bureau of Mines Page 8 and 9.: 2012	0.50 % to 15.00 %
13	CHEMICAL- ORES & MINERALS	Manganese ores	Iron as Fe	IS 1473:2004: 2016	1.00 % to 25.00 %
14	CHEMICAL- ORES & MINERALS	Manganese ores	Manganese as Mn	ISO 4298-1984: 2016	15.00 % to 55.00 %
15	CHEMICAL- ORES & MINERALS	Manganese ores	Manganese as Mn	IS 1473:2004: 2016	15.00 % to 55.00 %
16	CHEMICAL- ORES & MINERALS	Manganese ores	Phosphorous as P	IS 1473:2004: 2016	0.015 % to 0.50 %
17	CHEMICAL- ORES & MINERALS	Manganese ores	Silica as SiO ₂	IS 1473:2004: 2016	1.00 % to 15.00 %