National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IREL (INDIA) LIMITED, QUALITY CONTROL LABORATORY, CHAVARA, KOLLAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6010 **Page No** 1 of 3

Validity 14/07/2021 to 13/07/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ORES & MINERALS	Ilmenite	Garnet %	CH/QCL/SOP-03
2	CHEMICAL- ORES & MINERALS	Ilmenite	Ilmenite %	CH/QCL/SOP-03
3	CHEMICAL- ORES & MINERALS	Ilmenite	Iron % as Fe2O3	IS 6744(Part-I)
4	CHEMICAL- ORES & MINERALS	Ilmenite	Kyanite %	CH/QCL/SOP-03:
5	CHEMICAL- ORES & MINERALS	Ilmenite	Leucoxene %	CH/QCL/SOP-03
6	CHEMICAL- ORES & MINERALS	Ilmenite	Monazite %	CH/QCL/03
7	CHEMICAL- ORES & MINERALS	Ilmenite	Quartz %	CH/QCL/SOP-03:
8	CHEMICAL- ORES & MINERALS	Ilmenite	Rutile %	CH/QCL/SOP-03
9	CHEMICAL- ORES & MINERALS	Ilmenite	Sillimanite %	CH/QCL/SOP-03:
10	CHEMICAL- ORES & MINERALS	Ilmenite	Titanium % as TiO2	IBM Manual,Rev.Ed.,Page 67-68
11	CHEMICAL- ORES & MINERALS	Ilmenite	Zircon %	CH/QCL/SOP-03:
12	CHEMICAL- ORES & MINERALS	Leucoxene	Ilmenite %	CH/QCL/SOP-0(by magnetic separator)
13	CHEMICAL- ORES & MINERALS	Leucoxene	Kyanaite %	CH/QCL/SOP-03
14	CHEMICAL- ORES & MINERALS	Leucoxene	Leucoxene %	CH/QCL/SOP-03
15	CHEMICAL- ORES & MINERALS	Leucoxene	Monazite %	CH/QCL/SOP-03
16	CHEMICAL- ORES & MINERALS	Leucoxene	Quartz %	CH/QCL/SOP-03
17	CHEMICAL- ORES & MINERALS	Leucoxene	Rutile %	CH/QCL/SOP-03
18	CHEMICAL- ORES & MINERALS	Leucoxene	Sillimanite %	CH/QCL/SOP-03

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19	CHEMICAL- ORES & MINERALS	Leucoxene	Titanium % as TiO2	IBM Manual ,Rev. Ed. -Page 67-68
20	CHEMICAL- ORES & MINERALS	Leucoxene	Zircon %	CH/QCL/SOP-03
21	CHEMICAL- ORES & MINERALS	Rutile	Garnet %	CH/QCL/SOP-03
22	CHEMICAL- ORES & MINERALS	Rutile	Ilmenite %	CH/QCL/SOP-02(by magnetic separator)
23	CHEMICAL- ORES & MINERALS	Rutile	Kyanite %	CH/QCL/SOP-03
24	CHEMICAL- ORES & MINERALS	Rutile	Leucoxene %	CH/QCL/03
25	CHEMICAL- ORES & MINERALS	Rutile	Monazite %	CH/QCL/SOP-03
26	CHEMICAL- ORES & MINERALS	Rutile	Quartz %	CH/QCL/SOP-03
27	CHEMICAL- ORES & MINERALS	Rutile	Rutile %	CH/QCL/SOP-03
28	CHEMICAL- ORES & MINERALS	Rutile	Silliamnite %	CH/QCL/SOP-03
29	CHEMICAL- ORES & MINERALS	Rutile	Titanium % as TiO2	IBM Manual, Rev. Ed. , page. 67-68
30	CHEMICAL- ORES & MINERALS	Rutile	Zircon %	CH/QCL/SOP-03
31	CHEMICAL- ORES & MINERALS	Sillimanite	Alumina % as Al2O3	IS: 12107(Part III)
32	CHEMICAL- ORES & MINERALS	Sillimanite	Kyanite %	CH/QCL/SOP-03
33	CHEMICAL- ORES & MINERALS	Sillimanite	Monazite %	CH/QCL/SOP-03
34	CHEMICAL- ORES & MINERALS	Sillimanite	Quartz %	CH/QCL/SOP-03
35	CHEMICAL- ORES & MINERALS	Sillimanite	Rutile %	CH/QCL/SOP-03
36	CHEMICAL- ORES & MINERALS	Sillimanite	Shell %	CH/QCL/SOP-03 (by microscopic method)
37	CHEMICAL- ORES & MINERALS	Sillimanite	Silica % as SiO2	IS: 12107(Part II)

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38	CHEMICAL- ORES & MINERALS	Sillimanite	Sillimanite %	CH/QCL/SOP- 03(i.e. by microscopic method)
39	CHEMICAL- ORES & MINERALS	Sillimanite	Staurolite %	CH/QCL/SOP-03
40	CHEMICAL- ORES & MINERALS	Sillimanite	Zircon %	CH/QCL/SOP-03
41	CHEMICAL- ORES & MINERALS	Zircon	Kyanite %	CH/QCL/SOP-03
42	CHEMICAL- ORES & MINERALS	Zircon	Monazite %	CH/QCL/SOP-03 (by microscopic method)
43	CHEMICAL- ORES & MINERALS	Zircon	Quartz %	CH/QCL/SOP-03
44	CHEMICAL- ORES & MINERALS	Zircon	Rutile %	CH/QCL/SOP-03 (by microscopic method)
45	CHEMICAL- ORES & MINERALS	Zircon	Silica % as SiO2	IS 10085
46	CHEMICAL- ORES & MINERALS	Zircon	Sillimanite %	CH/QCL/SOP-03
47	CHEMICAL- ORES & MINERALS	Zircon	Zircon %	CH/QCL/SOP -03(by microscopic method)
48	CHEMICAL- ORES & MINERALS	Zircon	Zirconia % as ZrO2	IS 10085
49	CHEMICAL- ORES & MINERALS	Zircon flour (Zirflor)	+45 Micron(325 mesh) Sieve (size analysis)	IS 1607
50	CHEMICAL- ORES & MINERALS	Zircon flour (Zirflor)	+75 Micron (200 mesh) Sieve (Size analysis)	IS 1607