National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	CHEMISTRY LABORATORY, ATOMIC MINERALS DIRECTORATE FOR EXPLORATION AND RESEARCH (AMD), AMD COMPLEX, S.P ROAD, BEGUMPET, HYDERABAD, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7163	**Page No**	1 of 3
Validity	28/05/2022 to 27/05/2024	**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	Monazite	Cerium (Ce)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016
2	CHEMICAL- ORES & MINERALS	Monazite	Europium (Eu)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016
3	CHEMICAL- ORES & MINERALS	Monazite	Lanthanum (La)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016
4	CHEMICAL- ORES & MINERALS	Monazite	Neodymium (Nd)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016
5	CHEMICAL- ORES & MINERALS	Monazite	Phosphorus (P)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016
6	CHEMICAL- ORES & MINERALS	Monazite	Praseodymium (Pr)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016
7	CHEMICAL- ORES & MINERALS	Monazite	Samarium (Sm)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016
8	CHEMICAL- ORES & MINERALS	Monazite	Thorium (Th)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016
9	CHEMICAL- ORES & MINERALS	Monazite	Uranium (U)	"AMD:CHEM:SOP-22" [Na2O2 fusion- Pellet Fluorimetry technique] Issue 01 dated 15 February 2016
10	CHEMICAL- ORES & MINERALS	Monazite	Yttrium (Y)	"AMD:CHEM:SOP-20" [H2SO4 fuming-NaF-KHF2 fusion-ICP-OES technique] Issue 03 dated 15 February 2016

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11	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Iron (Fe)	"AMD:CHEM:SOP-23" [Mixed phosphate fusion-ICP-OES technique] Issue 01 dated 15 February 2016
12	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Manganese (Mn)	"AMD:CHEM:SOP-23" [Mixed phosphate fusion-ICP-OES technique] Issue 01 dated 15 February 2016
13	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Niobium (Nb)	"AMD:CHEM:SOP-23" [Mixed phosphate fusion-ICP-OES technique] Issue 01 dated 15 February 2016
14	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Tantalum (Ta)	"AMD:CHEM:SOP-23" [Mixed phosphate fusion-ICP-OES technique] Issue 01 dated 15 February 2016
15	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Tin (Sn)	"AMD:CHEM:SOP-23" [Mixed phosphate fusion-ICP-OES technique] Issue 01 dated 15 February 2016
16	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Titanium (Ti)	"AMD:CHEM:SOP-23" [Mixed phosphate fusion-ICP-OES technique] Issue 01 dated 15 February 2016
17	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Tungsten (W)	"AMD:CHEM:SOP-23" [Mixed phosphate fusion-ICP-OES technique] Issue 01 dated 15 February 2016
18	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Uranium (U)	"AMD:CHEM:SOP-24" [Mixed phosphate fusion-LED Fluorimetry technique] Issue 01 dated 15 February 2016
19	CHEMICAL- ORES & MINERALS	Niobite-tantalite	Zirconium (Zr)	"AMD:CHEM:SOP-23" [Mixed phosphate fusion-ICP-OES technique] Issue 01 dated 15 February 2016
20	CHEMICAL- SOIL AND ROCK	Rock	Cerium (Ce)	"AMD:CHEM:SOP-33" [HF-HCl dissolution-sodium peroxide fusion-ICP- OES technique] Issue 01 dated 01 November 2017

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21	CHEMICAL- SOIL AND ROCK	Rock	Europium (Eu)	"AMD:CHEM:SOP-33" [HF-HCl dissolution-sodium peroxide fusion-ICP- OES technique] Issue 01 dated 01 November 2017
22	CHEMICAL- SOIL AND ROCK	Rock	Lanthanum (La)	"AMD:CHEM:SOP-33" [HF-HCl dissolution-sodium peroxide fusion-ICP- OES technique] Issue 01 dated 01 November 2017
23	CHEMICAL- SOIL AND ROCK	Rock	Neodymium (Nd)	"AMD:CHEM:SOP-33" [HF-HCl dissolution-sodium peroxide fusion-ICP- OES technique] Issue 01 dated 01 November 2017
24	CHEMICAL- SOIL AND ROCK	Rock	Praseodymium (Pr)	"AMD:CHEM:SOP-33" [HF-HCl dissolution-sodium peroxide fusion-ICP- OES technique] Issue 01 dated 01 November 2017
25	CHEMICAL- SOIL AND ROCK	Rock	Samarium (Sm)	"AMD:CHEM:SOP-33" [HF-HCl dissolution-sodium peroxide fusion-ICP- OES technique] Issue 01 dated 01 November 2017
26	CHEMICAL- SOIL AND ROCK	Rock	Uranium (U)	"AMD:CHEM:SOP-33" [HF-HCl dissolution-sodium peroxide fusion-ICP- OES technique] Issue 01 dated 01 November 2017
27	CHEMICAL- SOIL AND ROCK	Rock	Yttrium (Y)	"AMD:CHEM:SOP-33" [HF-HCl dissolution-sodium peroxide fusion-ICP- OES technique] Issue 01 dated 01 November 2017