



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

NATIONAL CENTRE FOR COMPOSITIONAL CHARACTERISATION OF MATERIALS, BHABHA ATOMIC RESEARCH CENTRE, DEPARTMENT OF ATOMIC ENERGY, ECIL POST, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

**Laboratory Name :**

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-11755

**Page No**

1 of 4

**Validity**

07/06/2023 to 06/06/2025

**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- METALS & ALLOYS	Cast Iron	Manganese	NCCCM/In-house/RM/Cast Iron/July:2022
2	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	NCCCM/In-house/RM/Cast Iron/July:2022
3	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	NCCCM/In-house/RM/Cast Iron/July:2022
4	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	NCCCM/In-house/RM/Cast Iron/July:2022
5	CHEMICAL- ORES & MINERALS	Bauxite	Aluminium oxide	NCCCM/In-house/RM/Bauxite/June 27:2019
6	CHEMICAL- ORES & MINERALS	Bauxite	Chromium as oxide	NCCCM/In-house/RM/Bauxite/June 27:2019
7	CHEMICAL- ORES & MINERALS	Bauxite	Iron as oxide	NCCCM/In-house/RM/Bauxite/June 27:2019
8	CHEMICAL- ORES & MINERALS	Bauxite	Loss on ignition	NCCCM/In-house/RM/Bauxite/June 27:2019
9	CHEMICAL- ORES & MINERALS	Bauxite	Magnesium oxide	NCCCM/In-house/RM/Bauxite/June 27:2019/Rev July:2022
10	CHEMICAL- ORES & MINERALS	Bauxite	Manganese as oxide	NCCCM/In-house/RM/Bauxite/June 27:2019/Rev July:2022
11	CHEMICAL- ORES & MINERALS	Bauxite	Silicon as oxide	NCCCM/In-house/RM/Bauxite/June 27:2019
12	CHEMICAL- ORES & MINERALS	Bauxite	Titanium as oxide	NCCCM/In-house/RM/Bauxite/June 27:2019
13	CHEMICAL- ORES & MINERALS	Bauxite	Vanadium as oxide	NCCCM/In-house/RM/Bauxite/June 27:2019/Rev July:2022
14	CHEMICAL- ORES & MINERALS	Dolomite	Aluminium oxide	ASTM C1301-95
15	CHEMICAL- ORES & MINERALS	Dolomite	Barium oxide	ASTM C1301-95



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

NATIONAL CENTRE FOR COMPOSITIONAL CHARACTERISATION OF MATERIALS, BHABHA ATOMIC RESEARCH CENTRE, DEPARTMENT OF ATOMIC ENERGY, ECIL POST, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

**Laboratory Name :**

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-11755

**Page No**

2 of 4

**Validity**

07/06/2023 to 06/06/2025

**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
16	CHEMICAL- ORES & MINERALS	Dolomite	Calcium oxide	ASTM C1301-95
17	CHEMICAL- ORES & MINERALS	Dolomite	Iron oxide	ASTM C1301-95
18	CHEMICAL- ORES & MINERALS	Dolomite	Magnesium oxide	ASTM C1301-95
19	CHEMICAL- ORES & MINERALS	Dolomite	Strontium oxide	ASTM C1301-95
20	CHEMICAL- ORES & MINERALS	Quartz	Potassium	NCCCM/In-house/RM/Quartz/03 April:2019
21	CHEMICAL- ORES & MINERALS	Quartz	Aluminium	NCCCM/In-house/RM/Quartz/03 April:2019
22	CHEMICAL- ORES & MINERALS	Quartz	Calcium	NCCCM/In-house/RM/Quartz/03 April:2019
23	CHEMICAL- ORES & MINERALS	Quartz	Iron	NCCCM/In-house/RM/Quartz/03 April:2019
24	CHEMICAL- ORES & MINERALS	Quartz	Magnesium	NCCCM/In-house/RM/Quartz/03 April:2019
25	CHEMICAL- ORES & MINERALS	Quartz	Sodium	NCCCM/In-house/RM/Quartz/03 April:2019
26	CHEMICAL- ORES & MINERALS	Quartz	Titanium	NCCCM/In-house/RM/Quartz/03 April:2019
27	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Noodles powder	Total Lead	NCCCM/In-house/RM/Noodles/25 March:2019
28	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Copper	NCCCM/In-house/RM/Tea powder/July:2022
29	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Aluminium	NCCCM/In-house/RM/Tea powder/July:2022
30	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Arsenic	NCCCM/In-house/RM/Tea powder/July:2022
31	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Barium	NCCCM/In-house/RM/Tea powder/July:2022
32	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Cadmium	NCCCM/In-house/RM/Tea powder/July:2022
33	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Calcium	NCCCM/In-house/RM/Tea powder/July:2022



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

NATIONAL CENTRE FOR COMPOSITIONAL CHARACTERISATION OF MATERIALS, BHABHA ATOMIC RESEARCH CENTRE, DEPARTMENT OF ATOMIC ENERGY, ECIL POST, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

**Laboratory Name :**

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-11755

**Page No**

3 of 4

**Validity**

07/06/2023 to 06/06/2025

**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
34	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Iron	NCCCM/In-house/RM/Tea powder/July:2022
35	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Lead	NCCCM/In-house/RM/Tea powder/July:2022
36	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Magnesium	NCCCM/In-house/RM/Tea powder/July:2022
37	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Manganese	NCCCM/In-house/RM/Tea powder/July:2022
38	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Mercury	NCCCM/In-house/RM/Tea powder/July:2022
39	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Phosphorus	NCCCM/In-house/RM/Tea powder/July:2022
40	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Potassium	NCCCM/In-house/RM/Tea powder/July:2022
41	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Strontium	NCCCM/In-house/RM/Tea powder/July:2022
42	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea powder	Zinc	NCCCM/In-house/RM/Tea powder/July:2022
43	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Wheat flour	Iron	NCCCM/In-house/RM/Wheat flour/July:2022
44	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Wheat flour	Zinc	NCCCM/In-house/RM/Wheat flour/July:2022
45	CHEMICAL- RESIDUES IN WATER	Groundwater/Drinking water/Surface water	Boron	APHA 3120, 23rd edition
46	CHEMICAL- RESIDUES IN WATER	Groundwater/Drinking water/Surface water	Cadmium	APHA 3113 (B), 23rd edition
47	CHEMICAL- RESIDUES IN WATER	Groundwater/Drinking water/Surface water	Copper	APHA 3113 (B), 23rd edition
48	CHEMICAL- RESIDUES IN WATER	Groundwater/Drinking water/Surface water	Iron	APHA 3120, 23rd edition
49	CHEMICAL- RESIDUES IN WATER	Groundwater/Drinking water/Surface water	Lead	APHA 3113 (B), 23rd edition
50	CHEMICAL- RESIDUES IN WATER	Groundwater/Drinking water/Surface water	Manganese	APHA 3113 (B), 23rd edition
51	CHEMICAL- RESIDUES IN WATER	Groundwater/Drinking water/Surface water	Mercury	USEPA 245.7:2005
52	CHEMICAL- RESIDUES IN WATER	Groundwater/Drinking water/Surface water	Zinc	APHA 3120, 23rd edition



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL CENTRE FOR COMPOSITIONAL CHARACTERISATION OF MATERIALS, BHABHA  
ATOMIC RESEARCH CENTRE, DEPARTMENT OF ATOMIC ENERGY, ECIL POST, HYDERABAD,  
MEDCHAL MALKAJGIRI, TELANGANA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-11755

**Page No**

4 of 4

**Validity**

07/06/2023 to 06/06/2025

**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
53	CHEMICAL- WATER	Groundwater/Drinking water/Surface water	Alkalinity as CaCO <sub>3</sub>	APHA 2320 B, 23rd edition
54	CHEMICAL- WATER	Groundwater/Drinking water/Surface water	Calcium	APHA 3120, 23rd edition
55	CHEMICAL- WATER	Groundwater/Drinking water/Surface water	Conductivity	APHA 2510, 23rd edition
56	CHEMICAL- WATER	Groundwater/Drinking water/Surface water	Magnesium	APHA 3120, 23rd edition
57	CHEMICAL- WATER	Groundwater/Drinking water/Surface water	pH	APHA 4500 H+, 23rd edition
58	CHEMICAL- WATER	Groundwater/Drinking water/Surface water	Total Hardness as CaCO <sub>3</sub>	APHA 2340 C, 23rd edition