



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AASHVI TECHNOLOGY LLP, E-14, MADHAVPURA MARKET, SHAHIBAUG, AHMEDABAD, AHMADABAD, GUJARAT, INDIA

Accreditation Standard ISO 17034: 2016

Certificate Number RC-1008 **Page No** 1 of 6

Validity 16/03/2020 to 15/03/2022 **Last Amended on** 19/03/2020

S.No	Types of reference materials (Certified Reference Materials, Reference Materials or both) Category & Subcategory	Reference Material Matrix or Artefact	Property / Properties Characterized	Approach used to assign property values / Characterization Technique
Permanent Facility				
1	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - INORGANIC REFERENCE MATERIALS	Ammonium Sulphate	Assay	Titrimetric
2	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - INORGANIC REFERENCE MATERIALS	Calcium Carbonate	Assay	Titrimetric
3	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - INORGANIC REFERENCE MATERIALS	Potassium Dichromate	Assay	Titrimetric
4	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - INORGANIC REFERENCE MATERIALS	Potassium Hydrogen Phthalate	Assay	Titrimetric
5	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - INORGANIC REFERENCE MATERIALS	Sodium Carbonate	Assay	Titrimetric
6	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - INORGANIC REFERENCE MATERIALS	Sodium Chloride	Assay	Titrimetric



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Certificate Number	RC-1008	Page No	2 of 6
Validity	16/03/2020 to 15/03/2022	Last Amended on	19/03/2020

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7	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - ION ACTIVITY	Bromate Solution	Bromate	IC (Ion Chromatography)
8	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - ION ACTIVITY	Conductivity Standard Solution	Conductivity	Electrochemical
9	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - ION ACTIVITY	Fluoride Solution	Fluoride	UV-Vis Spectrophotometer
10	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - ION ACTIVITY	Nitrate Solution	Nitrate	UV-Vis Spectrophotometer
11	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - ION ACTIVITY	Nitrite Solution	Nitrite	UV-Vis Spectrophotometer
12	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - ION ACTIVITY	pH Standard Solution	pH	Electrochemical
13	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - ION ACTIVITY	Sulphate Solution	Sulphate	UV-Vis Spectrophotometer
14	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - ION ACTIVITY	TDS Solution	TDS	Gravimetric



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Certificate Number RC-1008 **Page No** 3 of 6

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15	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Aluminium Solution	Aluminium	UV/Vis Spectrophotometer
16	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Antimony Solution	Antimony	ICP-MS
17	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Arsenic Solution	Arsenic	ICP-MS
18	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Barium Solution	Barium	Titrimetric
19	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Boron Solution	Boron	UV-Vis Spectrophotometet
20	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Cadmium Solution	Cadmium	AAS / ICP-MS
21	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Calcium Solution	Calcium	Titrimetric
22	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Chromium Solution	Chromium	AAS / ICP-MS
23	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Copper Solution	Copper	AAS / ICP-MS
24	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Iron Solution	Iron	AAS / ICP - MS



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Certificate Number RC-1008 **Page No** 4 of 6

Validity 16/03/2020 to 15/03/2022 **Last Amended on** 19/03/2020

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25	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Lead Solution	Lead	ICP-MS
26	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Magnesium Solution	Magnesium	Titrimetric
27	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Manganese Solution	Manganese	AAS / ICP-MS
28	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Mercury Solution	Mercury	ICP-MS
29	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Nickel Solution	Nickel	AAS/ ICP-MS
30	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Potassium Solution	Potassium	Flame Photometer
31	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Selenium Solution	Selenium	ICP-MS
32	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Silver Solution	Silver	AAS / ICP-MS
33	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Sodium Solution	Sodium	Flame Photometer
34	CERTIFIED REFERENCE MATERIAL, CHEMICAL COMPOSITION - METALS	Zinc Solution	Zinc	AAS / ICP-MS



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Certificate Number	RC-1008	Page No	5 of 6
Validity	16/03/2020 to 15/03/2022	Last Amended on	19/03/2020

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35	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Argemone Oil	Identification of Argemone Oil (Qualitative)	PROVENANCE (Extracted directly from Oil Seeds)
36	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Castor Oil	Identification of Castor Oil (Qualitative)	PROVENANCE (Extracted directly from Oil Seeds)
37	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Cotton Seed Oil	Identification of Cotton Seed oil (Qualitative)	PROVENANCE (Extracted directly from Oil Seeds)
38	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Groundnut Oil	Identification of Groundnut Oil (Qualitative)	PROVENANCE (Extracted directly from Oil Seeds)
39	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Karanja Oil	Identification of Karanja Oil(Qualitative)	PROVENANCE (Extracted directly from Oil Seeds)
40	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Linseed Oil	Identification of Linseed Oil (Qualitative)	PROVENANCE (Extracted directly from Oil Seeds)



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41	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Mineral Oil	Identification of Mineral Oil (Qualitative)	PROVENANCE (Traceable to origin)
42	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Neem Oil	Identification of Neem Oil (Qualitative)	PROVENANCE (Extracted directly from Oil Seeds)
43	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Sesame Oil	Identification of Sesame Oil (Qualitative)	PROVENANCE (Extracted directly from Oil Seeds)
44	REFERENCE MATERIAL (NON CERTIFIED), CHEMICAL COMPOSITION - ORGANIC REFERENCE MATERIALS	Turmeric Powder with Lead Chromate	Presence of Lead Chromate in Turmeric Powder (Qualitative)	ICP-OES