National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CSIR-CENTRAL INSTITUTE OF MEDICINAL & AROMATIC PLANTS, CSIR-CIMAP, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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	BIOLOGICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs (Root/stem/ leaf/ bark/ fruit/seeds and extracts) & Ayurvedic Formulations	Plate Count for fungi/g	United States Pharmacopoeia, USP 40(61) Microbiological Tests
2	BIOLOGICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Root/stem/ leaf/ bark/ fruit/seeds and extracts) & Ayurvedic Formulations	Plate Count for Bacteria/g	USP 40(61)Microbiological Tests
3	BIOLOGICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Root/stem/ leaf/bark/ fruit/seeds and extracts) & Ayurvedic Formulations	Test for specified micro-Organisms Escherichia coli /g	USP 40(62) MicrobiologicalTests:
4	BIOLOGICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Root/stem/ leaf/bark/ fruit/seeds and extracts) & Ayurvedic Formulations	Test for specified microorganism Staphylococcus aureus/g	USP 40(62), MicrobiologicalTest
5	BIOLOGICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Root/stem/ leaf/bark/ fruit/seeds and extracts) & Ayurvedic Formulations	Test for specified micro-Organisms Salmonellasp./g	USP 40(62), MicrobiologicalTests
6	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Root/stem/ leaf/ bark/ fruit/seeds)	ForeignMatter	API Vol. IX(Part I) Section3.1.2:
7	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Root/stem/ leaf/ bark/ fruit/seeds)	Macroscopic &Microscopic Identification	API VOL IX(PART 1) Section 2.1.1
8	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Root/stem/ leaf/ bark/ fruit/seedsand extracts) &Ayurvedic Formulations	Lead as Pb	API (Part I), 2016, Vol. IX, Section-3.1.2
9	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/ bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	beta BHC	USP 561 articles of botanical origin
10	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	alpha Cypermethrin	USP 561 articles of botanical origin
11	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	4,4' DDD	USP 561 articles of botanical origin
12	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	4,4' DDT	USP 561 articles of botanical origin
13	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Alachor	USP 561 articles of botanical origin
14	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Atrazine	USP 561 articles of botanical origin
15	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Atrazine desisopropyl	USP 561 articles of botanical origin

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16	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	beta Endosulfan	USP 561 articles of botanical origin
17	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Bromopropylate	USP 561 articles of botanical origin
18	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Dichlorovos	USP 561 articles of botanical origin
19	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Dimethioate	USP 561 articles of botanical origin
20	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Endosulfan sulfate	USP 561 articles of botanical origin
21	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Endrin	USP 561 articles of botanical origin
22	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Endrin aldehyde	USP 561 articles of botanical origin
23	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Endrin ketone	USP 561 articles of botanical origin
24	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Ethion	USP 561 articles of botanical origin
25	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Fenithion	USP 561 articles of botanical origin
26	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Fonofos	USP 561 articles of botanical origin
27	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Malathion	USP 561 articles of botanical origin
28	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Piperonyl butoxide	USP 561 articles of botanical origin
29	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Propazine	USP 561 articles of botanical origin

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30	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Sebuthylazine	USP 561 articles of botanical origin
31	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Terbuthylazine	USP 561 articles of botanical origin
32	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Acid insoluble ash	API VOL IX(PART 1)
33	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	AflatoxinB2	USP 561 Articles of BotanicalOrigin, Tests for Aflatoxin, Method III (analysis by UPLC)
34	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	AflatoxinG1	USP Articles of BotanicalOrigin, Tests for Aflatoxin, Method III (Analysis by UPLC)
35	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	AflatoxinG2	USP Articles of BotanicalOrigin Method III (Analysis by UPLC)
36	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Aflatoxins B1	USP Articles of BotanicalOrigin Method III (analysis by UPLC)
37	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Alcoholsoluble extractive value	API Vol. IX(Part 1) Section 2.1.8
38	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Analysis for total withanolides in Withaniasomnifera	API Vol. VIII (Part I)
39	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Arsenic as As	API (Part I), 2016, Vol. IX, Section-3.1.2
40	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Cadmium as Cd	API (Part I), 2016, Vol. IX, Section-3.1.2
41	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Chlorpyriphos	USP 561 articles of botanical origin
42	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Loss on drying	API Vol. IX(Part I) Section2.1.4

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43	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Mercury as Hg	API Vol. IX(Part I) Section3.1.2
44	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Phosalone	USP 561 articles of botanical origin
45	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Qualitative Analysis/ Finger Print Analysis (HPTLC)	API
46	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	TotalAsh	API VOL IX(PART 1) Section 2.1
47	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Formulations	Water soluble extractive value	API, Vol. IX, Section 2.1.9
48	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	gamma BHC	USP 561 articles of botanical origin
49	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	Aldrin	USP 561 articles of botanical origin
50	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	beta Endosulfan	USP 561 articles of botanical origin
51	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	cis, trans-Chlordane	USP 561 articles of botanical origin
52	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	delta-BHC	USP 561 articles of botanical origin
53	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	heptachlor-exo-epoxide isomer B	USP 561 articles of botanical origin
54	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	p,p DDE	USP 561 articles of botanical origin
55	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(Dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with different solvents) & Ayurvedic Preparations	Heptachlor	USP 561 articles of botanical origin
56	CHEMICAL- AYUSH PRODUCTS	Ayurvedic Crude Drugs(dried powder of Root/stem/ leaf/bark/ fruit/seeds and their extracts with solvents) & Ayurvedic Formulations	alpha-BHC	USP 561 articles of botanical origin

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57	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemical (in Citronella oil)	Characterization & Estimation of Citronellal	IS512
58	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Ocimum oil)	Characterization & Estimation of Linalool	IS 15136
59	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals	Oil Content	IS1797: Clevenger J.F., Apparatus for determination of essential oil. Journal of the American Pharmacists Association, 17, 346–9 (1928)
60	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Cardamom oil)	Characterization & Estimation of a Terpinyl Acetate	IS15068
61	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Geranium oil)	Characterization & Estimation of Cironellol	IS587
62	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals	Miscibility in ethanol	IS 326 (Part 6)
63	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals	Optical Rotation	IS 326 (Part 4)
64	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals	Refractive Index	IS 326 (Part 5)
65	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals	Relative Density	IS 326 (Part 3)
66	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Ajowain oil)	Characterization & Estimation of Thymol	IS 326: Part 19: Sec 2
67	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Geranium oil)	Characterization & Estimation of Geraniol	IS 587
68	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (in Lavender oil)	Characterization & Estimation of Linalyl Acetate	ISO 3515: (E)
69	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (in Menthaarvensis)	Characterization & Estimation of Menthol	IS 528
70	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Lavender oil)	Characterization & Estimation of Linalool	ISO 3515: (E)
71	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Lemon Grass oil)	Characterization & Estimation of total Citral	IS 327
72	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Palmarosa oil)	Characterization & Estimation of Geraniol	IS 526
73	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Patchouli oil)	Characterization & Estimation of Patchouli Alcohol	IS 3398
74	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Rose oil)	Characterization & Estimation of Cironellol	IS15740

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75	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Rose oil)	Characterization & Estimation of Phenyl ethyl alcohol	IS15740
76	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oils and Aroma Chemicals (Rose oil)	Characterization & Estimation of Geraniol	IS 15740
77	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oilsand Aroma Chemicals (Cardamom oil)	Characterization & Estimation of 1,8 Cineole	IS15068
78	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential oilsand Aroma Chemicals (Eucalyptus globulus oil)	Characterization & Estimation of 1,8 Cineole	IS 328