



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name RAMYA SAI ANALYTICAL SERVICES, T. S. AGRO INDUSTRIES DEVELOPMENT COROPORATION, HYDERABAD, MEDCHAL/ MALKAJGIRI, TELANGANA , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8528 Page No. : 1 / 7

Validity 04/06/2019 to 03/06/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Maize Starch	E.coli	IP 2018/ USP41: 2018	Qualitative(Present/ Absent per 1 g)
2	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Maize Starch	Pseudomonas aeruginosa	IP 2018/ USP41: 2018	Qualitative(Present/ Absent per 10 g)
3	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Maize Starch	Salmonella	IP 2018/ USP41: 2018	Qualitative(Present/ Absent per 10 g)
4	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Maize Starch	Staphylococcus aureus	IP 2018/ USP41: 2018	Qualitative(Present/ Absent per 10 g)
5	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Maize Starch	Total Aerobic Microbial Count	IP 2018/ USP41: 2018	10 cfu/g to 1000 cfu/g
6	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Maize Starch	Yeast & Mould Count	IP 2018/ USP41: 2018	10 cfu/g to 1000 cfu/g
7	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Paracetamol tablets	Total Bacterial Count (TBC)	IP: 2018	10 cfu/g to 1000 cfu/g
8	BIOLOGICAL- DRUGS AND PHARMACEUTICALS	Paracetamol tablets	Total Yeast & Mould Count (TYMC)	IP: 2018	10 cfu/g to 1000 cfu/g
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bread	E.coli	IS:5887 (Part 1) (RA 2010) : 1976	Qualitative(Present/ Absent per 25 g)



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10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bread	Salmonella	IS: 5887 (Part 3) (RA 2013) : 1999	Qualitative(Present/ Absent per 25 g)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bread	Staphylococcus aureus	IS: 5887 (Part 2) (RA 2018): 1976	Qualitative(Present/ Absent per 25 g)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bread	Coliform count	IS:5401 (Part 1) (RA 2018): 2012	10 cfu/g to 1000 cfu/g
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bread	Yeast and moulds count	IS 12711: 2010	10 cfu/g to 100 cfu/g
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Powder	Coliform count	IS 5401 (Part 1) (RA 2018): 2012	10 cfu/g to 1000 cfu/g
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Powder	E.coli	IS 5887 (Part 1) (RA 2010) : 1976	Qualitative(Present/ Absent per 25 g)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Powder	Salmonella	IS 5887 (Part 3) (RA 2013): 1999	Qualitative(Present/ Absent per 25 g)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Powder	Shigella	IS 5887 (Part 7) (RA 2018): 1999	Qualitative(Present/ Absent per 20 g)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Powder	Staphylococcus aureus	IS 5887 (Part 2) (RA 2018): 1976	Qualitative(Present/ Absent per 25 g)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Powder	Total Plate Count	IS 5402 (RA 2018): 2012	10 cfu/g to 1000 cfu/g



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20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk Powder	Yeast and mould count	IS 5403 (RA 2018): 1999	10 cfu/g to 1000 cfu/g
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Wheat Powder	Coliform Count	IS 5401 (Part 1) (RA 2018): 2012	10 cfu/g to 1000 cfu/g
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Wheat Powder	Total Plate Count	IS 5402 (RA 2018): 2012	10 cfu/g to 1000 cfu/g
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Wheat Powder	Yeast & moulds count	IS 5403 (RA 2018): 1999	10 cfu/g to 1000 cfu/g
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Wheat Powder	E.coli	IS 5887 (Part 1) (RA 2010): 1976	Qualitative(Present/ Absent per 10 g)
25	CHEMICAL- DRUGS & PHARMACEUTICALS	Caffeine	Melting point	IP 2018/ USP41: 2018	220 °C to 230 °C
26	CHEMICAL- DRUGS & PHARMACEUTICALS	Chlorthalidone IP	Light absorption by UV	IP: 2018	Qualitative
27	CHEMICAL- DRUGS & PHARMACEUTICALS	Iso Propyl Alcohol	Weight per mL	IP 2018/ USP41: 2018	0.5 g/ml to 0.9 g/ml
28	CHEMICAL- DRUGS & PHARMACEUTICALS	Levetiracetam API	Specific Optical Rotation	IP 2018/ USP41: 2018	75 ° to 80 °
29	CHEMICAL- DRUGS & PHARMACEUTICALS	Nilgiri thailam	Refractive index	IP 2018/ USP41: 2018	1.3 to 1.6
30	CHEMICAL- DRUGS & PHARMACEUTICALS	Phenazopyridine HCL	Assay by HPLC	USP41: 2018	98 % to 102 %
31	CHEMICAL- DRUGS & PHARMACEUTICALS	Phenzopyridine HCL	Loss on drying	IP 2018/ USP41: 2018	0.05 % to 0.5 %



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32	CHEMICAL- DRUGS & PHARMACEUTICALS	Povidone	Heavy metals	IP 2018/ USP41: 2018	Qualitative
33	CHEMICAL- DRUGS & PHARMACEUTICALS	Shalac Powder	Limit test (Arsenic)	IP 2018/ USP41: 2018	Qualitative
34	CHEMICAL- DRUGS & PHARMACEUTICALS	Sildenafil Citrate	Residue on ignition	IP 2018/ USP41: 2018	0.02 % to 0.1 %
35	CHEMICAL- DRUGS & PHARMACEUTICALS	Sodium Methyl Paraben	Water content	IP 2018/ USP41: 2018	0.1 % to 5 %
36	CHEMICAL- DRUGS & PHARMACEUTICALS	Sodium Propyl Paraben	Related substances by HPLC	IP: 2018	0.01 % to 1.0 %
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Gram Dal	Damaged or discolored pulses	IS:4333: 2018	0.1 % to 2 %
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Gram Dal	Foreign Matter	IS:4333: 2018	0.1 % to 5 %
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Gram Dal	Fragments	IS:4333: 2018	0.1 % to 5 %
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Gram Dal	Partially husked spilt & wholes	IS:4333: 2018	0.1 % to 5 %
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Gram Dal	Shriveled & Immature seeds	IS:4333: 2018	0.1 % to 5 %
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Gram Dal	Weeveiled pulses	IS:4333: 2018	0.1 % to 5 %



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43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Acid insoluble ash	IS 12711 (RA 2015) : 1989	0.01 % to 1.0 %
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Acidity of extracted fat	IS 12711 (RA 2015) : 1989	1 % to 2 %
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Moisture content	IS 12711 (RA 2015) : 1989	0.1 % to 2 %
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chili Powder	Acid insoluble ash	IS 1797: 2017	0.1 % to 0.5 %
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chili Powder	Inorganic foreign matter	IS 1797: 2017	Qualitative
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chili Powder	Non -volatile ether extract	IS 1797: 2017	8 to 15
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chili Powder	Volatile oil	IS 1797: 2017	Qualitative
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chili Powder	Inorganic extraneous matter	IS 1797: 2017	Qualitative
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chili powder	Organic Extraneous matter	IS 1797: 2017	Qualitative
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate	Fat content	IS 6287 (RA 2010): 1985	1 % to 5 %



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53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate	Sulfated ash	IS 6287 (RA 2010): 1985	0.1 % to 1 %
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity as formic acid	IS 4941 (RA 2008): 1994	0.05 % to 0.2 %
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total ash	IS 4941 (RA 2008): 1994	0.05 % to 0.5 %
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific Gravity	IS 4941 (RA 2008): 1994	1.3 to 1.5
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Acid value	IS 548 (Part 1) (RA 2015): 1964	0.1 to 0.5
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Refractive index	IS 548 (Part 1) (RA 2015) : 1964	1.4 to 1.6
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Iodine value	IS 548 (Part 1) (RA 2015) : 1964	124 to 140
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil	Saponification value	IS 548 (Part 1) (RA 2015): 1964	188 to 194
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower oli	Specific gravity	IS 548 (Part 1) (RA 2015): 1964	0.8 to 1.1
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea powder	Acid insoluble ash	AOAC 21 Edition: 2019	0.1 % to 1 %



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63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea powder	Water extract	AOAC 21 Edition: 2019	30 % to 40 %
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea powder	Total ash	AOAC 21 Edition: 2019	0.1 % to 1 %