National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FOOD QUALITY TESTING LABORATORY, POST HARVEST TECHNOLOGY CENTER, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7591 **Page No** 1 of 8

Validity 15/09/2021 to 14/09/2023 **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- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Ash	IS 12711
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Carbohydrate	IS 1656
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Crude fiber	IS 12711
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Fat	IS 12711
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Moisture	IS 12711
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Protein	AOAC 21st edition Method 2001.11
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black gram	Ash	AOAC 21st edition Method 923.03
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black gram	Crude fiber	IS 12711
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black gram	Fat	IS 12711
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black gram	Moisture	AOAC 21st edition Method 925.10
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black gram	Protein	AOAC 21st edition Method 2001.11
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Ash	IS 12711
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Carbohydrate	IS 1656

SCOPE OF ACCREDITATION

Laboratory Name : FOOD QUALITY TESTING LABORATORY, POST HARVEST TECHNOLOGY CENTER, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7591 **Page No** 2 of 8

Validity 15/09/2021 to 14/09/2023 **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
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Crude fiber	IS 12711
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Fat	IS 12711
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Moisture	IS 12711
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Protein	AOAC 21st edition Method 2001.11
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Acid value	IS: 548 (Part I)
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Butyro-refractometer reading	IS: 548 (Part I)
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Free fatty acid	IS: 548 (Part I)
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Free fatty acids	AOAC 21st edition Method 940.28
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Moisture	IS: 548 (Part I)
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Moisture & volatile matter	IS 548 (part 1)
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Peroxide value	AOAC 21st edition Method 965.33
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Peroxide value	IS: 548 (Part I)
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Refractive index	IS: 548 (Part I)
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Saponification value	IS: 548 (Part I)

SCOPE OF ACCREDITATION

Laboratory Name : FOOD QUALITY TESTING LABORATORY, POST HARVEST TECHNOLOGY CENTER, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7591 **Page No** 3 of 8

Validity 15/09/2021 to 14/09/2023 **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
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Acid value	IS: 3508
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Butyro-refractometer reading	IS: 3508
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Free fatty acid	IS: 3508
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	IS: 3508
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Peroxide value	IS: 3508
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Refractive index	IS: 3508
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Saponification value	IS: 3508
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly oil	Free fatty acids	AOAC 21st edition Method 940.28
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly oil	Moisture & volatile matter	IS 548 (part1)
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gingelly oil	Peroxide value	AOAC 21st edition Method 965.33
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green gram	Ash	AOAC 21st edition Method 923.03
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green gram	Crude fiber	IS 12711
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green gram	Fat	IS 12711
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green gram	Moisture	AOAC 21st edition Method 925.10

SCOPE OF ACCREDITATION

Laboratory Name : FOOD QUALITY TESTING LABORATORY, POST HARVEST TECHNOLOGY CENTER, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7591 **Page No** 4 of 8

Validity 15/09/2021 to 14/09/2023 **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
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green gram	Protein	AOAC 21st edition Method 2001.11
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut oil	Free fatty acids	AOAC 21st edition Method 940.28
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut oil	Moisture & volatile matters	IS 548 (part 1)
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut oil	Peroxide value	AOAC 21st edition Method 965.33
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Moisture	Aoac 21st edition; Method 954.10 B
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Protein	AOAC, 21st Edition; Method 920.176
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Health mix	Ash	AOAC 21st edition Method 923.03
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Health mix	Crude fiber	IS 12711
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Health mix	Fat	IS 12711
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Health mix	Moisture	AOAC 21st edition Method 925.10
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Health mix	Protein	AOAC 21st edition Method 2001.11
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity	IS 4941
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	IS 4941
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiche's test	IS 4941

SCOPE OF ACCREDITATION

Laboratory Name : FOOD QUALITY TESTING LABORATORY, POST HARVEST TECHNOLOGY CENTER, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7591 **Page No** 5 of 8

Validity 15/09/2021 to 14/09/2023 **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
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fructose-glucose ratio	IS 4941:1994
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS 4941:1994
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific gravity	IS 4941:1994
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS 4941:1994
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total reducing sugars	IS 4941:1994
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant mixes	Ash	AOAC 21st edition Method 923.03
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant mixes	Carbohydrate	IS 1656
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant mixes	Crude fiber	AOAC 21st edition Method 920.86
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant mixes	Fat	AOAC 21st edition Method 920.39
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant mixes	Moisture	AOAC 21st edition Method 925.10
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant mixes	Protein	AOAC 21st edition Method 2001.11
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Multigrain cookies	Ash	AOAC 21st edition Method 923.03
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Multigrain cookies	Crude fiber	IS 12711
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Multigrain cookies	Fat	IS 12711

SCOPE OF ACCREDITATION

Laboratory Name : FOOD QUALITY TESTING LABORATORY, POST HARVEST TECHNOLOGY CENTER, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7591 **Page No** 6 of 8

Validity 15/09/2021 to 14/09/2023 **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
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Multigrain cookies	Moisture	AOAC 21st edition Method 925.10
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Multigrain cookies	Protein	AOAC 21st edition Method 2001.11
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Ash	AOAC 21st edition Method 923.03
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Carbohydrate	IS 1656
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Crude fiber	AOAC 21st edition Method: 920.86
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Fat	AOAC 21st edition Method: 2003.05
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Moisture	AOAC 21st edition Method 925.10
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Protein	AOAC 21st edition Method 2001.11
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Ash	AOAC 21st edition Method 923.03
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Carbohydrate	IS 1656
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Crude fiber	AOAC 21st edition Method 920.86
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Fat	AOAC 21st edition Method 920.39
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Moisture	AOAC 21st edition Method 925.10
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat food products	Protein	AOAC 21st edition Method 2001.11

SCOPE OF ACCREDITATION

Laboratory Name : FOOD QUALITY TESTING LABORATORY, POST HARVEST TECHNOLOGY CENTER, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7591 **Page No** 7 of 8

Validity 15/09/2021 to 14/09/2023 **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
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Red gram	Ash	AOAC 21st edition Method: 923.03
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Red gram	Crude fiber	IS 12711
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Red gram	Fat	IS 12711
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Red gram	Moisture	AOAC 21st edition Method 925.10
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Red gram	Protein	AOAC 21st edition Method 2001.11
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Ash	AOAC 21st edition Method 923.03
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Carbohydrate	IS 1656
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Crude fiber	AOAC 21st edition Method 920.86
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Fat	AOAC 21st edition Method 920.39
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Moisture	AOAC 21st edition Method 925.10
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Protein	AOAC 21st edition Method 2001.11
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Ash	IS 1797
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Curcumin	IS 3576
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Ash	AOAC 21st edition Method 923.03

SCOPE OF ACCREDITATION

Laboratory Name : FOOD QUALITY TESTING LABORATORY, POST HARVEST TECHNOLOGY CENTER, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7591 **Page No** 8 of 8

Validity 15/09/2021 to 14/09/2023 **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
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Carbohydrate	IS 1656
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Crude fiber	AOAC 21st edition Method 920.86
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Fat	AOAC 21st edition Method 2003.05
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Moisture	AOAC 21st edition Method 925.10
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Protein	AOAC 21st edition Method 2001.11