National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MEAT SPECIES IDENTIFICATION LABORATORY (MSIL), ICAR-NATIONAL RESEARCH CENTRE ON MEAT, CHENGICHERLA, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7992 **Page No** 1 of 4

Validity 16/12/2022 to 15/12/2024 **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	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned/retort pouch Meat Products	Campylobacter spp.	ISO 10272 - 1
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned/retort pouch Meat Products	Listeria monocytogenes	IS: 14988 Part 1 / ISO 11290- 1
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned/retort pouch Meat Products	Salmonella	IS: 5887 Part 3/ ISO 6579
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned/retort pouch Meat Products	Sulphite reducing Clostridia	IS 5887 Part 4
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Meat Products	Campylobacter spp.	ISO 10272 - 1
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Meat Products	Listeria monocytogenes	IS: 14988 Part 1 / ISO 11290- 1
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked Meat Products	Salmonella	IS: 5887 Part 3/ ISO 6579
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cured/Pickled meat	Listeria monocytogenes	IS: 14988, Part 1 / ISO 11290- 1
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cured/Pickled meat	Salmonella	IS: 5887 Part 3/ ISO 6579
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dried/dehydrated meat product	Listeria monocytogenes	IS: 14988, Part 1 / ISO 11290- 1
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dried/dehydrated meat product	Salmonella	IS: 5887 Part 3/ ISO 6579
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fermented meat Products	Listeria monocytogenes	IS: 14988, Part 1 / ISO 11290- 1
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fermented meat Products	Salmonella	IS: 5887 Part 3/ ISO 6579

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14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh/chilled Meat	Aerobic Plate Count	IS: 5402/ISO 4833
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh/chilled Meat	Escherichia coli	IS: 5887 Part 1 or ISO 16649-2
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh/chilled Meat	Salmonella	IS: 5887 Part 3/ ISO 6579
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh/chilled Meat	Staphylococcus aureus (coagulase +ve)	IS 5887 Part 8 (Sec 1)/ISO 6888
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fresh/chilled Meat	Yeast and Mold Count	IS: 5403/ISO 21527 Part 1
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Frozen meat	Salmonella	IS: 5887 Part 3/ ISO 6579
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw marinated/minced/comminuted meats	Salmonella	IS: 5887 Part 3/ ISO 6579
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Semi cooked/Smoked Meat/Meat food product	Campylobacter spp.	ISO 10272 - 1
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Semi cooked/Smoked Meat/Meat food product	Salmonella	IS: 5887 Part 3/ ISO 6579
23	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN,PLANTS,ANIMAL,MICROBIAL)	Meat and Meat Products	Halal Compliance with respect to Detection of Pork DNA in Meat & Meat Products using real time PCR	NRCM/MSIL/STP-002
24	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN,PLANTS,ANIMAL,MICROBIAL)	Meat and Meat Products	Molecular Biomarker Analysis (DNA based) for Animal Species Identification through PCR microarray	NRCM/MSIL/STP-001
25	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES-HUMAN,PLANTS,ANIMAL,MICROBIAL)	Wild Life Meat & Meat Products	Wild Life Meat Species Identification through DNA sequencing	NRCM/MSIL/STP-003

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26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicken	Ash content	AOAC 920.153
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicken	Fat Content	AOAC 922.06
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicken	L* value	AMSA- Meat color measurement guidelines
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicken	Meat colour value - a* value	AMSA- Meat color measurement guideline
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicken	Meat colour value - b* value	AMSA- Meat color measurement guidelines
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicken	Moisture content	AOAC 950.46
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicken	pH	IS 5960 (Part 10)
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chicken	Protein content	IS 5960 (Part 1)
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mutton	a* value	AMSA- Meat color measurement guidelines
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mutton	Ash content	AOAC 920.153
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mutton	b* value	AMSA- Meat color measurement guidelines
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mutton	Fat content	AOAC 922.06
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mutton	L* value	AMSA- Meat color measurement guideline
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mutton	Moisture content	AOAC 950.46

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40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mutton	pH	IS 5960 (Part 10)
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mutton	Protein content	IS 5960 (Part 1)
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pork	a* value	AMSA- Meat color measurement guidelines
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pork	Ash content	AOAC 920.153
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pork	b* value	AMSA- Meat color measurement guidelines
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pork	Fat content	AOAC 922.06
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pork	L* value	AMSA- Meat color measurement guidelines
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pork	Moisture content	AOAC 950.46
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pork	pH	IS 5960 (Part 10)
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pork	Protein content	IS 5960 (Part 1)