National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	MATS INDIA PRIVATE LIMITED, LABORATORY SERVICES DIVISION, SURVEY NO.432 PAIKI, PLOT NO. 5A, JAY CHITRAKUTDHAM MAIN ROAD, NEW HOUSING BOARD, RAJKOT, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10032	**Page No**	1 of 19
Validity	30/10/2021 to 29/10/2023	**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	(Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Suspended / Foreign matter	MATS/SOP/F/O&F-001
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Acidity of extracted fat	MATS/SOP/F/CP-008
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Alcoholic acidity as H2SO4	IS 1155

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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
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Ash insoluble in dilute HCl	IS 1155
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Carbohydrate	MATS/SOP/F/CP-006

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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
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Crude fat	AOAC 21st Edn:920.85
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Crude Protein	IS 7219

SCOPE OF ACCREDITATION

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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
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Energy	MATS/SOP/F/CP-007
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Gluten (on dry weight basis)	IS 1155

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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
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Moisture @ 130°C	AOAC 21st Edn:925.10
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Moisture @105°C	IS 1155

SCOPE OF ACCREDITATION

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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
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	pH of aqueous extract	MATS/SOP/F/CP-009
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Total ash	AOAC 21st Edn:923.03
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Added Colouring Matter	FSSAI Manual of Methods of Analysis of Foods – Food Additives
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Argemone mexicana Seeds	MATS/SOP/F/CP-002

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16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Average grain/ kernel Breath	MATS/SOP/F/CP-005
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Average grain/ kernel Length	MATS/SOP/F/CP-005
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Broken grains	IS 4333 Part I
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Damaged grains	IS 4333 Part I
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Discolored Seeds	IS 4333 Part I
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Foreign matter /Extraneous matter	IS 4333 Part I
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Immature grains/ Kernels	IS 4333 Part I

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23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Impurities of animal origin	MATS/SOP/F/CP-001
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Insect damaged	IS 4333 Part I
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Khesari dhal	MATS/SOP/F/CP-002
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Length Breadth Ratio	MATS/SOP/F/CP-005
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Musty Odour and Rancidity	MATS/SOP/F/CP-003
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Other edible grains	IS 4333 Part I
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Poisonous toxic and harmful seed	MATS/SOP/F/CP-002

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30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Rodent hair and excreta	MATS/SOP/F/CP-001
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Seeds with serious defects	MATS/SOP/F/CP-004
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Seeds with slight defects	MATS/SOP/F/ CP-004
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Shrivelled grains	IS 4333 Part I
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Weevilled grains	IS 4333 Part I
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Crude Fibre	IS 10226 Part – 1

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36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	CEREALS, PULSES & CEREAL PRODUCTS: (Whole & raw & processed & finished products of food grains, rice, Wheat, Maize, Jawar, Rice, Basmati Rice, Raw Pulses, Lentil, Black gram, Green gram, Bengal gram, Red gram, Horse gram, Field bean, Peas dry, Rajmah, Beans, Oats,Quinoa, Duram Wheat, Finger Millet, Amaranth, Pulses, Whole pearl millet)	Mould, living & dead insects, insect fragments and fungus visible to the naked eye	MATS/SOP/F/CP-001
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Acid value	IS 548 (Part 1/ Sec 2)
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Flavour and odour	Organoleptic Method
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Free fatty acids	IS 548 (Part 1/ Sec 2)
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Insoluble impurities	IS 548 (Part 1/ Sec 2)
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Iodine value	IS 548 (Part 1/ Sec 2)
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Moisture	IS 548 (Part 1/ Sec 2)
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Peroxide value	IS 548 (Part 1/ Sec 2)
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Rancidity	FSSAI Manual of Methods of Analysis of Foods – Oils & Fats
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Saponification value	IS 548 (Part 1/ Sec 2)

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46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Test for Mineral oil	FSSAI Manual of Methods of Analysis of Foods – Oils & Fats
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats: (Edible Oils and Fats, Oils; Vegetable Fat; Partially Hydrogenated Vegetable Oil; Edible Fats; Margarine And Fat spreads And Hydrogenated Vegetable Oils)	Unsaponifiable matter	IS 548 (Part 1/ Sec 2)
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	EREALS, PULSES & CEREAL PRODUCTS (Whole & powdered, raw &processed & finished products of food grains, Corn Flour, Corn Flakes, Macroni Products, Malt based Foods, Malt Extract, Rolled Oats, Solvent Extracted Flours, Starchy Foods & Bakery Products, Sorghum Flour, Soya bean, Soy protein products) channa, wheat flour, infant & weaning food, soya flour, corn flour, besan, Corn flakes, sattu, suji, Dalia, Barley, Malt ,Based Foods, Fortified grains)Fortified Cereal Products, Instant Noodles, Durum Wheat, Maida, Pearl Millet Flour, Sorghum Flour, Durum ,Wheat Semolina, Whole Durum Wheat Semolina, Soybean,Soy Protein Products, Wheat Protein Products including Wheat Gluten, Whole Maize (Corn) Flour, Degermed Maize Corn Flour, Tempe, Textured Soy Protein (Soy Bari, Soy Chunks, Soy Nuggets,Soy Granules), Soya milk, Tofu,Edible Sago Flour, Decorticated Millet Grain, Premix, Cereal based energy rich food)	Granularity	IS 1155: 1968
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Alcohol - soluble extract	IS 1797
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Crude Fat	AOAC 21st Edn : 950.54
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Acid insoluble ash	IS 1797

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52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Carbohydrate	MATS/SOP/F/SC-005
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Cold water soluble extract	IS 1797
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Crude Fibre	IS 1797
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Energy	MATS/SOP/F/SC-006
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Moisture	IS 1797
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Nonvolatile ether extract	IS 1797
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Protein	IS 7219

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59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Total ash	IS 1797
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole and powdered Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Volatile oil	IS 1797
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Added Colouring Matter	FSSAI Manual of Methods of Analysis of Foods – Food Additives
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Black berries	IS 16521
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Bulk density	IS 1797:2017
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Discolored	MATS/SOP/F/SC-004
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Light seeds	MATS/SOP/F/SC-004

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66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Loose seeds	MATS/SOP/F/SC-004
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Other Edible seeds	MATS/SOP/F/SC-004
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Unripe & Marked fruits	MATS/SOP/F/SC-004
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Broken & damaged matter	MATS/SOP/F/SC-004
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Broken & Abnormal fruit	MATS/SOP/F/SC-004
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Broken berries	IS 1798
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Broken fruits (Damaged, shrivelled, discoloured and immature seed)	MATS/SOP/F/SC-004

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73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Broken fruits, seed & fragments	MATS/SOP/F/SC-004
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Defective seeds in Fennel	MATS/SOP/F/SC-004
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Empty and malformed capsules by count	MATS/SOP/F/SC-004
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Extraneous Matter/ Foreign Matter	IS 1797
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Headless Cloves	IS 4404
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Immature	MATS/SOP/F/SC-004
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Insect damaged	MATS/SOP/F/SC-004

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80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Khokar cloves	IS 4404
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Light berries	IS 1798
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Mould & Living and dead insect & Insect Fragments	MATS/SOP/F/SC-001
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Musty odour & Foreign flavour	MATS/SOP/F/SC-002
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Pinheads	IS 1798
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Rodent contamination	MATS/SOP/F/SC-001
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Shrivelled / Damaged / Insect Damaged / Broken fruit in Ajowan	MATS/SOP/F/SC-004

SCOPE OF ACCREDITATION

Laboratory Name :	MATS INDIA PRIVATE LIMITED, LABORATORY SERVICES DIVISION, SURVEY NO.432 PAIKI, PLOT NO. 5A, JAY CHITRAKUTDHAM MAIN ROAD, NEW HOUSING BOARD, RAJKOT, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10032	**Page No**	17 of 19
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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
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Split fruits	MATS/SOP/F/SC-004
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Tendrils & mother Cloves	IS 4404
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	HERBS, SPICES & CONDIMENTS: (Whole Caraway, Cardamom, Chilies, Capsicum, Cinnamon, Cassia, Cloves, Coriander, Cumin, Fenugreek, Ginger, Turmeric, Curry powder, Mixed masala, Aniseeds, Dried Mango slices, Dried Mango powder, Pepper, Garlic, Celery, Dehydrated Onions, Asafetida)	Test for argemone seed	MATS/SOP/F/SC-003
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products) Foreign matter	Total Ash	IS 4684
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Crude Fibre	IS 4684
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Acid Insoluble Ash	IS 4684
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Acid value Of Extracted Fat	IS 3579
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Broken kernels	MATS/SOP/F/NP-001
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Carbohydrate	MATS/SOP/F/NP-002

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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
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Crude Protein	IS 4684
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Damaged kernels	MATS/SOP/F/NP-001
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Discoloured kernels	MATS/SOP/F/NP-001
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Energy	MATS/SOP/F/NP-003
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Fat Content / Oil content	IS 3579
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Foreign matter	MATS/SOP/F/NP-001
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Immature	MATS/SOP/F/NP-001
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Moisture	IS 3579
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Moisture	IS 4684
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Peroxide value of extracted fat	IS 12711
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Shrivelled kernels	MATS/SOP/F/NP-001

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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
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Weevilled matter Count	MATS/SOP/F/NP-001
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts, Groundnut Kernels, Oil seeds and By Products)	Count	MATS/SOP/F/NP-001
109	CHEMICAL- RESIDUES IN FOOD PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts Groundnut Kernels, Oil seeds and By Products)	Aflatoxin_B1	AOAC 21 st Edn.999.07
110	CHEMICAL- RESIDUES IN FOOD PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts, Groundnut Kernels, Oil seeds and By Products)	Aflatoxin_B2	AOAC 21 st Edn.999.07
111	CHEMICAL- RESIDUES IN FOOD PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts, Groundnut Kernels, Oil seeds and By Products)	Aflatoxin_G1	AOAC 21 st Edn.999.07
112	CHEMICAL- RESIDUES IN FOOD PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts, Groundnut Kernels, Oil seeds and By Products)	Aflatoxin_G2	AOAC 21 st Edn.999.07
113	CHEMICAL- RESIDUES IN FOOD PRODUCTS	NUTS & NUT PRODUCTS: (Cashew nut, oil seeds, Walnut, Almond, Peanut, Peanut paste, peanut butter, Dry Fruits, Raisins, Dates, and Pistachio Nuts, Groundnut Kernels, Oil seeds and By Products)	Total Aflatoxin (B1+B2+ G1+G2	AOAC 21 st Edn.999.07