National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	PUBLIC HEALTH LABORATORY, UDAIPUR, M.B. GOVT. HOSPITAL CAMPUS, UDAIPUR, RAJASTHAN, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9303	**Page No**	1 of 13
Validity	04/03/2023 to 03/03/2025	**Last Amended on**	10/05/2023

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	All refined oil, Edible fat, Vanaspati, Bakery shortening, margarine, fat spreads.	Moisture	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.001, Index-04, pg.no.-03
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Asafoetida, Mustard Powder, Turmeric powder.	Starch	Fssai manual of methods of Spices
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bajra	Fat % (ODB)	Fssai Manual of Method of Analysis of Cereal & Cereal Products
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Common Salt	FSSAI Manual Method of Milk & Milk product
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway(Siahjira), Cloves(loung), Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Mixed Masala, Aniseed(Saunf), Ajwain(Bishops seed), Dried sweet basil leaves, Tejpat, Star anise, Dried oregano, Pimento(Allspice), Dried Laurel(Dried bay leaf), Dried Mint, Dried Rosemary, Dried Thyme, Dried Sage	Volatile Oil Content (ODB)	Fssai manual of methods of Spices
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway(Siahjira), Cloves(loung), Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Fenugreek(Methi), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Poppy(Khas khas), Saffron(Kesar), Turmeric(Haldi), Curry powder, Mixed Masala, Aniseed(Saunf), Ajwain(Bishops seed), Dried mango slices, Dried mango powder, Garlic(Lahsun), Celery, Dehydrated onion, Asafoetida, Dried sweet basil leaves, Seasoning, Tejpat, Star anise, Dried oregano, Pimento(Allspice), Dried Laurel(Dried bay leaf), Dried Mint, Dried Rosemary, Dried Thyme, Dried Sage	Extraneous Matter	Fssai manual of methods of Spices

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7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway(Siahjira), Cloves(loung), Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Fenugreek(Methi), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Poppy(Khas khas), Saffron(Kesar), Turmeric(Haldi), Curry powder, Mixed Masala, Aniseed(Saunf), Ajwain(Bishops seed), Dried mango slices, Dried mango powder, Garlic(Lahsun), Celery, Dehydrated onion, Asafoetida, Dried sweet basil leaves, Seasoning, Tejpat, Star anise, Dried oregano, Pimento(Allspice), Dried Laurel(Dried bay leaf), Dried Mint, Dried Rosemary, Dried Thyme, Dried Sage	Insect	Fssai manual of methods of Spices
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway(Siahjira), Cloves(loung), Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Fenugreek(Methi), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Poppy(Khas khas), Saffron(Kesar), Turmeric(Haldi), Curry powder, Mixed Masala, Aniseed(Saunf), Ajwain(Bishops seed), Dried mango slices, Dried mango powder, Garlic(Lahsun), Celery, Dehydrated onion, Asafoetida, Dried sweet basil leaves, Seasoning, Tejpat, Star anise, Dried oregano, Pimento(Allspice), Dried Laurel(Dried bay leaf), Dried Mint, Dried Rosemary, Dried Thyme, Dried Sage	Insect damaged matter	Fssai manual of methods of Spices
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway(Siahjira), Cloves(loung), Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Fenugreek(Methi), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Poppy(Khas khas), Saffron(Kesar), Turmeric(Haldi), Curry powder, Mixed Masala, Aniseed(Saunf), Ajwain(Bishops seed), Dried mango slices, Dried mango powder, Garlic(Lahsun), Celery, Dehydrated onion, Asafoetida, Dried sweet basil leaves, Seasoning, Tejpat, Star anise, Dried oregano, Pimento(Allspice), Dried Laurel(Dried bay leaf), Dried Mint, Dried Rosemary, Dried Thyme, Dried Sage	Moisture	Fssai manual of methods of Spices

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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	Caraway(Siahjira), Cloves(loung), Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Fenugreek(Methi), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Poppy(Khas khas), Saffron(Kesar), Turmeric(Haldi), Curry powder, Mixed Masala, Aniseed(Saunf), Ajwain(Bishops seed), Dried mango slices, Dried mango powder, Garlic(Lahsun), Celery, Dehydrated onion, Asafoetida, Dried sweet basil leaves, Seasoning, Tejpat, Star anise, Dried oregano, Pimento(Allspice), Dried Laurel(Dried bay leaf), Dried Mint, Dried Rosemary, Dried Thyme, Dried Sage	Rodent Contaminant	Fssai manual of methods of Spices
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway(Siahjira), Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Fenugreek(Methi), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Poppy(Khas khas), Saffron(Kesar), Turmeric(Haldi), Aniseed(Saunf), Dried mango powder, Garlic(Lahsun), Dehydrated onion, Asafoetida, Dried sweet basil leaves,Dried Mint, Dried Rosemary, Dried Thyme, Dried Sage	Total Ash(ODB)	Fssai manual of methods of Spices
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway(Siahjira), Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Fenugreek(Methi), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Saffron(Kesar), Turmeric(Haldi), Curry powder, Mixed Masala, Aniseed(Saunf), Ajwain (Bishops seed), Dried mango powder, Garlic(Lahsun), Dehydrated onion, Asafoetida, Dried sweet basil leaves, Seasoning, Star anise, Dried oregano, Pimento(Allspice), Dried Laurel(Dried bay leaf), Dried Mint, Dried Rosemary, Dried Thyme, Dried Sage	Acid Insoluble Ash (ODB)	Fssai manual of methods of Spices
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardaman(Whole)	Empty & malformed capsules by count	Fssai manual of methods of Spices
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardaman(Whole)	Immature & Shrivelled Capsules	Fssai manual of methods of Spices

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15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Maida, Bajra, Suji, Pearl Barley, Corn Flour, solvent extracted Flours, Starchy food, Expeller pressed Flour, Malted & Malt base food, Soy protein product, Durum wheat semolina, Degermed maize meal, couscous, Cassava or tapioca product, Edible cassava or tapioca flour, Texture Soy protein, Tofu.	Total Ash	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 8.2 pg no. – 14
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Maida, Suji, Besan, Rice, Maize Flour, Barley, Oats, Arrowroot, Tapioca	Microscopic Study	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 13.0 pg no. – 36
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Maida, Suji, Multigrain Flour.	Gluten	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 8.4 pg no. - 17
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Maida, Suji, Pearl Barley, Bajra flour, jawar flour, mixed millet flour, Corn Flour, Rolled oats, Maize starch, Durum wheat semolina, yellow pea powder	Alcoholic Acidity	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 8.5 pg no. - 18
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Maida, Suji, Pearl Barley, Besan, Other Food Grains & Pulses (Whole & Split)- Maize, Bajra, Rice, Wheat, Jawar, Arhar , Masur, Urd, Moong and any other food grain, oats, quinoa, Durum wheat, Ragi, Chia seeds Other Cereal Products- Maize Starch, Corn Flour, Corn Flakes, Custard powder, Macaroni product , Rolled oats, solvent extracted Flours, Starchy food, Bakery Products, Expeller pressed Flour, Malted & Malt base food, Soybean, Soy protein product, whole maize corn flour, wheat protein product includiry wheat gluten, Durum wheat semolina, Degermed maize meal, couscous, tempe, textured soy protein, sago flour, wheat bran, tofu, Cassava or tapioca product, Edible cassava or tapioca flour, Roasted Bengal gram flour, Breakfast Cereal, Yellow pea powder, Multigrain flour, mixed millet flour.	Moisture	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 8.1 pg no. - 13
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Maida, Suji, Pearl Barley, Besan, Other Food Grains & Pulses (Whole & Split)- Maize, Bajra, Rice, Wheat, Jawar, Arhar , Masur, Urd, Moong and any other food grain, oats, quinoa, Durum wheat, Rayi, Chia seeds Other Cereal Products- Maize Starch, Corn Flour, Corn Flakes, Custard powder, Macaroni product , Rolled oats, solvent extracted ?ours, Starchy food, Bakery Products, Expeller pressed ?our, Malted & Malt base food, Soybean, Soy protein product, whole maize corn flour, wheat protein product ineludiry wheat gluten, Durum wheat semolina, Degermed maize meal, couscous, tempe, textured soy protein, sago flour, wheat brain, tofu, Cassava or tapioca product, Edible cassava or tapioca flour, Roasted Bengal gram flour, Breakfast Cereal, Yellow pea powder, Multigrain flour, mixed millet flour.	Added Colour	Fssai Manual of Method of Analysis of Cereal & Cereal Products

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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
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Maida, Suji, Pearl Barley, Besan, Other Food Grains & Pulses (Whole & Split)- Maize, Bajra, Rice, Wheat, Jawar, Arhar , Masur, Urd, Moong and any other food grain, oats, quinoa, Durum wheat, Rayi, Chia seeds Other Cereal Products- Maize Starch, Corn Flour, Corn Flakes, Custard powder, Macaroni product , Rolled oats, solvent extracted Flours, Starchy food, Bakery Products, Expeller pressed Flour, Malted & Malt base food, Soybean, Soy protein product, whole maize corn flour, wheat protein product includiry wheat gluten, Durum wheat semolina, Degermed maize meal, couscous, tempe, textured soy protein, sago flour, wheat bran, tofu, Cassava or tapioca product, Edible cassava or tapioca flour, Roasted Bengal gram flour, Breakfast Cereal, Yellow pea powder, Multigrain flour, mixed millet flour.	Insects	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 1.2 pg no. - 02
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Maida, Suji, Pearl Barley, Besan, Bajra flour, jawar flour, Maize starch, Corn Flour, Corn Flakes, Custard powder ,Macaroni product , Rolled oats, solvent extracted Flours, Starchy food, Bakery Products, Expeller pressed Flour, Roasted Bengal gram flour, ragi flour, non fermented soybean product, Cassava or tapioca product, edible cassava or tapioca product, malted & malt based food, durum wheat semolina, textured soy protein (soychanus), wheat bran, breakfast cereal, yellow pea powder, multigrain flour, mixed millet flour.	Acid Insoluble Ash	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 8.3 pg no. - 16
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals- Atta, Pearl Barley(jau), solvent extracted Flours, Roasted Bengal Gram Flour, Ragi Flour, Multigrain Flour, Mixed millet Flour.	Rodent Hair & Excreta	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 1.5 pg no. - 04
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals-Bakery Products, Breakfast Cereal.	Synthetic Food Colour	Fssai Manual of Method of Analysis of Cereal & Cereal Products index 4.2 pg no. – 82
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chia seeds, Bakery Product, Expeller processed flour, Soybean	Acidity of Ext. Fat	Fssai Manual of Method of Analysis of Cereal & Cereal Products
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli Whole, Cumin whole, Cumin black whole, Star anise, Pimento whole, Dried sage	Broken Fruits, seed & fragment	Fssai manual of methods of Spices
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies and Capsicum (lal mirchi), Cumin Black (kalonji) powder, Cumin Black (kalonji) Whole, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal) powder , Black, White & green peppers, Poppy(Khas khas), Curry powder, Pimento(Allspice) powder.	Non Volatile other extract	Fssai manual of methods of Spices
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves Whole	Headless Claves	Fssai manual of methods of Spices

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29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Polenske Value	Fssai manual of methods of oils & fats
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, cotton seed oil, Groundnut oil, linseed oil, mahua oil, Mustard oil, Mustard oil(Low erucic acid), poppy seed oil, Safflower seeds oil, til oil, taramira oil , niger seed oil, maize (corn) oil, olive oil, soyabean oil, refined vegetable oil, Watermelon seed oil, Almond oil, palmolein oil, sunflower seed oil, ricebran oil, Partially hydrogenated soyabean oil, Palm Oil, palm kernel oil, Palm Superolein, Chia Oil, Grapeseed Oil, Multi source edible vegetable oil, Avocado oil, Palm stearin, Palm Kernel stearin, palm kernel olein, Edible fats(Beef Fat, Goat Fat, Lard, Cocoa Butter, Ref Salseed fat, Kokum Fat, Mango Kernel Fat, Dhupa fat, Phulwara fat, shea butter, Borneo Tallow)	Saponification Value	Fssai manual of methods of oils & fats
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, cotton seed oil, Groundnut oil, linseed oil, mahua oil, Mustard oil, Mustard oil(Low erucic acid), poppy seed oil, Safflower seeds oil, til oil, taramira oil , niger seed oil, maize (corn) oil, olive oil, soyabean oil, refined vegetable oil, Watermelon seed oil, Almond oil, palmolein oil, sunflower seed oil, ricebran oil, Partially hydrogenated soyabean oil, Palm Oil, palm kernel oil, Palm Superolein, Chia Oil, Grapeseed Oil, Multi source edible vegetable oil, Avocado oil, Palm stearin, Palm Kernel stearin, palm kernel olein, Edible fats(Beef Fat, Goat Fat, Lard, Cocoa Butter, Ref Salseed fat, Kokum Fat, Mango Kernel Fat, Dhupa fat, Phulwara fat, shea butter, Borneo Tallow)	Iodine value	Fssai manual of methods of oils & fats
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, cotton seed oil, Groundnut oil, linseed oil, mahua oil, Mustard oil, poppy seed oil, Safflower seeds oil, til oil, taramira oil , nigerseed oil, maize (corn)oil, olive oil, soyabean oil, refined vegetable oil, Watermelon seed oil, Almond oil, palmolein oil, sunflower seed oil, ricebran oil, Partially hydrogenated soyabean oil, Palm Superolein, Chia Oil, Grapeseed Oil, Avocado oil, Palm stearin, Palm Kernel stearin, palm kernel olein, All Edible fats(except cocoa butter, shea butter, bornes tallow).	Butyrorefractometer Reading/refractive Index at 40°0C (except palm oil at 50°0C)	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.003, Index-06, pg.no.-06-10
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, cotton seed oil, Groundnut oil, linseed oil, mahua oil, Mustard oil, poppy seed oil, Safflower seeds oil, til oil, taramira oil , nigerseed oil, maize (corn)oil, olive oil, soyabean oil, refined vegetable oil, Watermelon seed oil, Almond oil, palmolein oil, sunflower seed oil, ricebran oil, Partially hydrogenated soyabean oil, Palm Superolein, Chia Oil, Grapeseed Oil, Interesterified vegetable fat, Partially hydrogenated soyabean oil, Multi source edible vegetable oil, Avocado oil, Palm stearin, Palm Kernel stearin, palm kernel olein, Edible fats, margarine.	Test for Rancidity (Kris Test)	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.043, Index-46, pg.no.-93-94

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34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, cotton seed oil, Groundnut oil, linseed oil, mahua oil, Mustard oil, poppy seed oil, Safflower seeds oil, til oil, taramira oil , nigerseed oil, maize (corn)oil, olive oil, soyabean oil, refined vegetable oil, Watermelon seed oil, Almond oil, palmolein oil, sunflower seed oil, ricebran oil, Partially hydrogenated soyabean oil, Palm Superolein, Chia Oil, Grapeseed Oil, Multi source edible vegetable oil, Avocado oil, Palm stearin, Palm Kernel stearin, palm kernel olein, Edible fats(except cocoa butter, shea butter, bornes tallow), margarine, fat spreads.	Test for Mineral Oil	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.029/ FSSAI 02.030, Index-32/33, pg.no.-69-70
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, cotton seed oil, Groundnut oil, linseed oil, mahua oil, Mustard oil, poppy seed oil, Safflower seeds oil, til oil, taramira oil , nigerseed oil, maize (corn)oil, olive oil, soyabean oil, refined vegetable oil, Watermelon seed oil, Almond oil, palmolein oil, sunflower seed oil, ricebran oil, Partially hydrogenated soyabean oil, Palm Superolein, Chia Oil, Grapeseed Oil, Multi source edible vegetable oil, Avocado oil, Palm stearin, Palm Kernel stearin, palm kernel olein, Edible fats(except cocoa butter, shea butter, bornes tallow), vanaspati, Bakery shortening, margarine, fat spreads.	Acid Value	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.009, Index-12, pg.no.-21.23
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, cotton seed oil, Groundnut oil, linseed oil, mahua oil, Mustard oil, poppy seed oil, Safflower seeds oil, til oil, taramira oil , nigerseed oil, maize (corn)oil, olive oil, soyabean oil, refined vegetable oil, Watermelon seed oil, Almond oil, palmolein oil, sunflower seed oil, ricebran oil, Partially hydrogenated soyabean oil, Palm Superolein, Chia Oil, Grapeseed Oil, Multi source edible vegetable oil, Avocado oil, Palm stearin, Palm Kernel stearin, palm kernel olein, Edible fats(except cocoa butter, shea butter, bornes tallow), vanaspati, Bakery shortening, margarine, fat spreads.	Oil Soluble Colour (Acid Test)	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.045, Index-48, pg.no.-96-100
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil, cotton seed oil, Groundnut oil, linseed oil, mahua oil, Mustard oil, poppy seed oil, Safflower seeds oil, til oil, taramira oil , nigerseed oil, maize (corn)oil, olive oil, soyabean oil, refined vegetable oil, Watermelon seed oil, Almond oil, palmolein oil, sunflower seed oil, ricebran oil, Partially hydrogenated soyabean oil, Palm Superolein, Chia Oil, Grapeseed Oil, Multi source edible vegetable oil, Avocado oil, Palm stearin, Palm Kernel stearin, palm kernel olein, Edible fats(except cocoa butter, shea butter, bornes tallow), vanaspati, Bakery shortening, margarine, fat spreads.	Test for Argemone Oil	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.032, Index-35, pg.no.-73-74
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander	Split fruits	Fssai manual of methods of Spices

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39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander Whole, Cumin whole, Fennel Whole, Mustard whole, Turmeric whole, Aniseed(Saunf), Dried Mango slice, Tejpat.	Damaged/Discolored fruits or defective	Fssai manual of methods of Spices
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Multi source edible vegetable oil.	Test for Cotton Seed Oil (Halphens test)	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.014 , Index-17, pg.no.-36-37
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin (Whole), Aniseed(Saunf), Dried oregano, Pimento(Allspice), Dried Laurel(Dried bay leaf), Dried Mint, Dried Rosemary, Dried Thyme, Dried Sweet basil leaves.	Foreign matter	Fssai manual of methods of Spices
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin Black Whole, Fennel Whole, Fenugreek whole, Aniseed (saunf)	Other edible seeds	Fssai manual of methods of Spices
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt, Iron Fortified Iodized Salt(Double Fortified salt)	Iodine (ppm)	ISI hand book of Food Analysis part XV
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt, Iron Fortified Iodized Salt(Double Fortified salt)	Matter Insoluble in Water	ISI hand book of Food Analysis part XV
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt, Iron Fortified Iodized Salt(Double Fortified salt)	Moisture	ISI hand book of Food Analysis part XV
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt, Iron Fortified Iodized Salt(Double Fortified salt)	NaCl%	ISI hand book of Food Analysis part XV
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible fat-Peanut butter	Acid Value of Ext. fat	Fssai manual of methods of oils & fats
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible fat-Peanut butter	Common Salt	Fssai manual of methods of oils & fats
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible fat-Peanut butter	Fat %	Fssai manual of methods of oils & fats
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible fat-Peanut butter	Total Ash	Fssai manual of methods of oils & fats
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Lactose	Sulphated Ash	FSSAI Manual Method of Milk & Milk product

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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
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Frozen Dessert, Icecream ,Milk lolly,milk ice, Softy ice cream, Kulfi ,Evaporated milk, Flavoured milk, Sweetened Condensed milk	Total Solids	Fssai Manual methods of Milk & Milk Products Index-1.3.3, pg.no.-36
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Iodine value	Fssai manual of methods of oils & fats
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Saponification Value	Fssai manual of methods of oils & fats
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ginger Powder, Asafoetida	Alcohol Soluble extract (ODB)	Fssai manual of methods of Spices
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jowar, Ragi, Amaranth, Bajra, Rice	Immature and Shrivelled Grain	Fssai Manual of Method of Analysis of Cereal & Cereal Products
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoa,Chakka, Shrikhand	Total Solids	Fssai Manual methods of Milk & Milk Products: Index-1.3.3, pg.no.-36
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Margarine ,fat spreads	Test for presence of Animal Fat (Microscopic Examination)	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.020, Index-23, pg.no.-49-50
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder, Cream powder, Dairy whitener, Fermented milk product(Yoghurt, Flavored dahi), Chakka, Shrikhand.	Titratable Acidity	Fssai manual of methods of Milk And Milk products
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk products- Skimmed Milk powder, khoya, Chakka, Shrikhand , Foods for infant nutrition, Dairy Whitener, Whey powder, edible lasein product, edible lactose, milk protein concentrate, whey protein concentrate, cow or buffalo colostrum, colostrum product, dairy permeate powder.	Total Ash	Fssai Manual methods of Milk & Milk Products Index-1.2.1, pg.no.-9
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk products-Butter oil, Ghee, Milk fat, Anhyd. Butter oil, edible casein product.	Free Fatty Acids	Fssai Manual methods of Milk & Milk Products Index-13.4, pg.no.-114
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk products-Butter oil, Ghee, Milk fat, Anhyd. Butter oil, edible casein product.	Reichert Meissel Value	Fssai Manual methods of Milk & Milk Products Index-13.5, pg.no.-117

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63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Cream ,Malai, Curd, Paneer, cheese, Butter, Kulfi, Frozen Dessert, Evaporated milk, Flavoured milk, Sweetened Condensed milk, Skimmed Milk powder, Butter oil, khoya, Ghee, Butter milk, yoghurt, Chakka, Shrikhand , icecream , Milk lolly, milk ice, Softy ice cream, dried icecrem mix. Foods for infant nutrition, Milk fat, Anhydrous milk fat, Anhyd. Butter oil.	Butyrorefractometer Reading/ Refractive Index at 40°0C	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.003, Index-06, pg.no.-06-10
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Cream ,Malai, Curd, Paneer, cheese, Butter, Kulfi, Frozen Dessert, Evaporated milk, Flavoured milk, Sweetened Condensed milk, Skimmed Milk powder, Butter oil, khoya, Ghee, Butter milk, yoghurt, Chakka, Shrikhand , icecream , Milk lolly, milk ice, Softy ice cream, dried icecrem mix. Foods for infant nutrition.	Test of Sugar	Fssai Manual methods of Milk & Milk Products Index-1.2.1, pg.no.-9
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Cream ,Malai, Curd, Paneer, cheese, Butter, Kulfi, Frozen Dessert, Evaporated milk, Flavoured milk, Sweetened Condensed milk, Skimmed Milk powder, Butter oil, khoya, Ghee, Butter milk, yoghurt, Chakka, Shrikhand , icecream , Milk lolly, milk ice, Softy ice cream, dried icecrem mix. Foods for infant nutrition.	Fat%	Fssai Manual methods of Milk & Milk Products Index-1.3.4,11.3, pg.no.-37.98
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Cream ,Malai, Curd, Paneer, cheese, Butter, Kulfi, Frozen Dessert, Evaporated milk, Flavoured milk, Sweetened Condensed milk, Skimmed Milk powder, Butter oil, khoya, Ghee, Butter milk, yoghurt, Chakka, Shrikhand , icecream , Milk lolly, milk ice, Softy ice cream, dried icecrem mix. Foods for infant nutrition.	Test for Detergent	Fssai Manual methods of Milk & Milk Products Index-1.2.14, pg.no.-26
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Cream ,Malai, Curd, Paneer, cheese, Butter, Kulfi, Frozen Dessert, Evaporated milk, Flavoured milk, Sweetened Condensed milk, Skimmed Milk powder, Butter oil, khoya, Ghee, Butter milk, yoghurt, Chakka, Shrikhand , icecream , Milk lolly, milk ice, Softy ice cream, dried icecrem mix. Foods for infant nutrition.	Test for Formalin	Fssai Manual methods of Milk & Milk Products Index-1.2.17, pg.no.-28

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68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Cream ,Malai, Curd, Paneer, Kulfi, Frozen Dessert, Evaporated milk, Flavoured milk, Sweetened Condensed milk, Skimmed Milk powder, khoya, Butter milk, yoghurt, Chakka, Shrikhand , icecream , Milk lolly, milk ice, Softy ice cream, dried icecrem mix. Foods for infant nutrition, Milk fat, Anhydrous milk fat, Anhyd. Butter oil.	Test for Neutralizer	Fssai Manual methods of Milk & Milk Products Index-1.2.11, pg.no.-22
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Cream ,Malai, Curd, Paneer, Kulfi, Frozen Dessert, Evaporated milk, Flavoured milk, Sweetened Condensed milk, Skimmed Milk powder, khoya, Butter milk, yoghurt, Chakka, Shrikhand , icecream , Milk lolly, milk ice, Softy ice cream, dried icecrem mix. Foods for infant nutrition, Milk fat, Anhydrous milk fat, Anhyd. Butter oil.	Test for Sodium Chloride	Fssai Manual methods of Milk & Milk Products Index-1.2.8, pg.no.-18
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Cream ,Malai, Curd, Paneer, Kulfi, Frozen Dessert, Evaporated milk, Flavoured milk, Sweetened Condensed milk, Skimmed Milk powder, khoya, Butter milk, yoghurt, Chakka, Shrikhand , icecream , Milk lolly, milk ice, Softy ice cream, dried icecrem mix. Foods for infant nutrition, Milk fat, Anhydrous milk fat, Anhyd. Butter oil.	Test for starch	Fssai Manual methods of Milk & Milk Products Index-1.2.2, pg.no.-11
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk, camel Milk, Cow milk, Buffalo milk, Goat milk Milk products- Evaporated milk, Flavoured milk, Sweetened Condensed milk, yoghurt, Chakka.	Test for skimmed milk powder	Fssai Manual methods of Milk & Milk Products Index-1.2.15, pg.no.-27
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk-Full Cream milk, Toned milk ,Double Toned milk, Skimmed milk, Standardised milk, Recombined milk, Mixed milk,camel Milk, Cow milk, Buffalo milk, Goat milk/ Curd, yoghurt	SNF	Fssai Manual methods of Milk & Milk Products: Index-1.3.3, pg.no.-36
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Multi source edible vegetable oil, Partially hydrogenated soyabean oil.	Test for Castor oil	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.031, Index-34, pg.no.-71-72
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oats, Durum wheat	Broken kernel	Fssai Manual of Method of Analysis of Cereal & Cereal Products

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75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paneer, cheese, Butter, Kulfi, Skimmed Milk powder, khoya, Ghee, dried icecrem mix, Foods for infant nutrition, Dairy Whitener, Whey powder, edible lasein product, edible lactose, milk protein concentrate, whey protein concentrate, cow or buffalo colostrum, colostrum product, dairy permeate powder.	Moisture	Fssai Manual methods of Milk & Milk Products Index-52, pg.no.-56, index-13.2, pg no.-109
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses	Defect	Fssai Manual of Method of Analysis of Cereal & Cereal Products
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pulses	Discolored seed	Fssai Manual of Method of Analysis of Cereal & Cereal Products
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice bran oil, Multi Source Edible Vegetable Oil, Mustard Oil.	Test for presence of Rice Bran Oil (Oryzanol)	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.016, Index-19, pg.no.-39-40
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Siahjira(Whole), Caraway(Siahjira powder), Cardamon (Elaichi), Chillies and Capsicum (lal mirchi), Cinnamon(Dalchini), Cassia (Taj), Cloves powder, Coriander(Dhania), Cumin (jeera, kalonji), Fennel (Saunf), Fenugreek(Methi), Dried ginger, Mace (Jaipatri), Mustard (Rai, Sarson), Nutmeg(Jaiphal), Black, White & green peppers, Poppy(Khas khas), Saffron(Kesar), Turmeric(Haldi), Curry powder, Mixed Masala, Aniseed(Saunf), Ajwain(Bishops seed), Dried mango slices, Dried mango powder, Garlic(Lahsun), Cerery, Dehydrated onion, Asafoetida, Dried sweet basil leaves.	Test for added colour	Fssai manual of methods of Spices
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Milk based & Cereals based)/Proprietary Foods	Butyrorefractometer reading at 40°0C (except palm oil at 50°0C)	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.003, Index-06, pg.no.-06-10
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Milk based & Cereals based)/Proprietary Foods	Test for added Color	Fssai Manual methods of Food Additives Index-4.2, pg.no.-82
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Milk based & Cereals based)/Proprietary Foods	Test for Neutralizer	Fssai Manual methods of Milk & Milk Products Index-1.2.11, pg.no.-22
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Milk based & Cereals based)/Proprietary Foods	Test for Saccharin	Fssai Manual methods of Food Additives Index-3.0, pg.no.-45
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Milk based & Cereals based)/Proprietary Foods	Test for Sodium Chloride	Fssai Manual methods of Milk & Milk Products Index-1.2.8, pg.no.-18

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85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Milk based & Cereals based)/Proprietary Foods	Test for Starch	Fssai Manual methods of Milk & Milk Products Index-1.2.2, pg.no.-11
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Milk based & Cereals based)/Proprietary Foods	Test for Sugar	Fssai Manual methods of Milk & Milk Products Index-1.2.1, pg.no.-09
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweets (Milk based & Cereals based)/Proprietary Foods	Test for Urea	Fssai Manual methods of Milk & Milk Products Index-1.2.4, pg.no.-13
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	til oil, Multi source edible vegetable oil, interesterified oil/fat, vanaspati, Bakery shortening, margarine, fat spreads, Milk fat, butter oil, Anhyd. Milk fat, anhy. Butter oil, ghee.	Baudouin Test	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.013,Index-16, pg.no.-34-35
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric	Lead Chromate test	Fssai manual of methods of Spices
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vanaspati, Bakery shortening, All fortified Oil.	Test for Vitamin A	Fssai Manual of Method of Analysis of Foods oils& fats : FSSAI 02.040, Index-43, pg.no.-89
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat bran, Tofu, Cassava or Tapioca product	Acid value/ Titratable Acidity	Fssai Manual of Method of Analysis of Cereal & Cereal Products
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Maize, Jowar and any other Food Grains, Unprocessed whole raw pulses, Bajra, Soybean.	Damaged grain	Fssai Manual of Method of Analysis of Cereal & Cereal Products
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Maize, Jowar and any other Food Grains, Unprocessed whole raw pulses, Bajra, Soybean.	Foreign matter/Extraneous matter	Fssai Manual of Method of Analysis of Cereal & Cereal Products
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Maize, Jowar and any other Food Grains, Unprocessed whole raw pulses, Bajra, Soybean.	Other edible grain	Fssai Manual of Method of Analysis of Cereal & Cereal Products
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Maize, Jowar and any other Food Grains, Unprocessed whole raw pulses, Bajra, Soybean.	Weevilled grain	Fssai Manual of Method of Analysis of Cereal & Cereal Products