National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FOOD ANALYSIS LABORATORY, NO 5, OLD POLICE HOSPITAL STREET, TIRUNELVELI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9644 **Page No** 1 of 3

Validity 28/06/2021 to 27/06/2023 **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	Atta, Maida, Suji, Rawa, corn flour, custard powder	Ash insoluble in dilute HCL on dry weight basis	FSSA MANUAL, CEREALS AND CEREAL PRODUCTS,2016,8.2
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture % by weight	FSSAI LAB MANUAL, CEREALS AND CEREAL PRODUCTS,2016, 2.0
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash % by on dry weight basis	FSSA MANUAL, CEREALS AND CEREAL PRODUCTS 2016, 8.2
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Broken Fruits(Damaged, Shrivelled, discoloured and immature seed)	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS, 2016,2.0
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Extraneous matter % by weight	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS, 2016, 2.0
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Insect damaged matter % by weight	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS, 2016,2.0
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Proporation of edible seeds other than cumin seeds	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS, 2016,2.0
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Volatile oil content on dry basis % by v/w	FSSAI MANUAL OF MATHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS,2016,10.0
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Ash insoluble in dilute HCL on dry basis	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS, 2016,5.0
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Free mould, living and dead Insects, Insect fragments, Rodent Hair and Excreta	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS,2016,1.0
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Moisture % by Weight	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS, 2016,3.0

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12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Total ash on dry basis	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, SPICES AND CONDIMENTS, 2016,4.0
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Discoloured seeds by mass	FSSA MANUAL, CEREALS AND CEREAL PRODUCTS 2016, 1.0
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Extraneous matter % by Mass	FSSA MANUAL, CEREALS AND CEREAL PRODUCTS 2016, 1.0
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Other edible grains	FSSA MANUAL, CEREALS AND CEREAL PRODUCTS 2016, 1.0
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Seeds with serious defects	FSSA MANUAL, CEREALS AND CEREAL PRODUCTS 2016, 1.0
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Seeds with slight defects	FSSA MANUAL, CEREALS AND CEREAL PRODUCTS 2016, 1.0
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Chalky kernels % (m/m)	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, CEREAL AND CEREAL PRODUCTS,2016,1.0
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Heat damaged kernals % m/m	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, CEREAL AND CEREAL PRODUCTS,2016,1.0
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Immature kernels % (m/m)	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, CEREAL AND CEREAL PRODUCTS,2016,1.0
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Inorganic Extraneous matter	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, CEREAL AND CEREAL PRODUCTS,2016,1.0
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Kernel with Pin point % m/m	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, CEREAL AND CEREAL PRODUCTS, 2016, 1.0
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	MOISTURE % BY MASS	FSSAI, Lab manual, Cereal and cereal products,2016,2.0

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24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Organic extraneous matter % by mass	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS CEREAL AND CEREAL PRODUCTS, 2016, 1.0
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Weevilled kernels % by count	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, CEREAL AND CEREAL PRODUCTS,2016,1.0
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Acid insoluble ash on dry basis	FSSAI MANUAL METHODS OF ANALYSIS OF FOODS, BEVERAGES,SUGARS AND SUGAR PRODUCTS,MANUAL NO:4, METHOD NO 5.5,2015
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Crude fibre on drybasis	FSSAI MANUAL METHODS OF ANALYSIS OF FOODS BEVERAGES SUGAR AND SUGAR PRODUCTS MANUAL NO : 4, METHOD NO: 5.8,2015
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Total Ash on drybasis	FSSA MANUAL METHODS OF MANUAL OF METHODS OF ANALYSIS OF FOODS BEVERAGES (SUGAR & SUGAR PRODUCTS) MANUAL NO : 4, METHOD NO:5.3, 2015
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water Extract on drybasis	FSSA MANUAL METHODS OF ANALYSIS OF FOODS BEVERAGES(SUGAR & SUGAR PRODUCTS) MANUAL NO:4 ,METHOD NO:5.6, 2015
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water Soluble Ash on drybasis	FSSA MANUAL METHODS OF ANALYSIS OF FOODS, BEVERAGES (SUGAR & SUGAR PRODUCTS),MANUAL NO4, METHOD NO 5.4, 2015
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Rodent hair and Excreta	FSSAI MANUAL OF METHODS OF ANALYSIS OF FOODS, CEREAL AND CEREAL PRODUCTS,2016,1.0