National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FOOD TESTING LABORATORY, JUNAGADH AGRICULTURAL UNIVERSITY, DEPARTMENT OF BIOTECHNOLOGY, JUNAGADH AGRICULTURAL UNIVERSITY, JUNAGADH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7389 **Page No** 1 of 2

Validity 20/01/2023 to 19/01/2025 **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	Cottonseed oil	Saponification Value	AOAC 21th Edition, 920.160
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cottonseed Oil	Acid Value	AOAC 21th Edition, 940.28
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cottonseed oil	Iodine Absorption Number	AOAC 21th Edition, 920.159
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cottonseed oil	Iodine Value	AOAC 21th Edition, 993.20
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cottonseed oil	Moisture Content	AOAC 21th Edition, 984.20
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cottonseed Oil	Peroxide Value	AOAC 21th Edition, 965.33
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Acid Value	AOAC 21th Edition, 940.28
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Iodine Absorption Number	AOAC 21th Edition, 920.159
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Iodine Value	AOAC 21th Edition, 993.20
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Moisture Content	AOAC 21th Edition, 984.20
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Peroxide value	AOAC 21th Edition, 965.33
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut Oil	Saponification Value	AOAC 21th Edition, 920.160
13	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Peanuts	Aflatoxin B1	AOAC 21th Edition, 999.07 and 991.31
14	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Peanuts	Aflatoxin B2	AOAC 21th Edition, 999.07 and 991.31

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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
15	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Peanuts	Aflatoxin G1	AOAC 21th Edition, 999.07 and 991.31
16	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Peanuts	Aflatoxin G2	AOAC 21th Edition, 999.07 and 991.31
17	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Peanuts	Total Aflatoxin (B1+B2+G1+G2)	AOAC 21th Edition, 999.07 and 991.31
18	CHEMICAL- WATER	Irrigation water	Acidity (as CaCO3)	AOAC 21th Edition, 973.42
19	CHEMICAL- WATER	Irrigation water	Alkalinity (as CaCO3)	AOAC 21th Edition, 973.43
20	CHEMICAL- WATER	Irrigation water	Chemical Oxygen Demand (COD)	AOAC 21th Edition, 973.46
21	CHEMICAL- WATER	Irrigation water	Chloride (as Cl)	AOAC 21th Edition, 973.51
22	CHEMICAL- WATER	Irrigation water	Dissolved Oxygen	AOAC 21th Edition, 973.45
23	CHEMICAL- WATER	Irrigation water	Hardness (as CaCO3)	AOAC 21th Edition, 973.52
24	CHEMICAL- WATER	Irrigation water	pH	AOAC 21th Edition, 973.41
25	CHEMICAL- WATER	Potable water	Alkalinity (as CaCO3)	AOAC 21th Edition, 973.43
26	CHEMICAL- WATER	Potable water	Chloride (as Cl)	AOAC 21th Edition, 973.51
27	CHEMICAL- WATER	Potable water	Hardness (as CaCO3)	AOAC 21th Edition, 973.52
28	CHEMICAL- WATER	Potable water	pH	AOAC 21th Edition, 973.41