National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRAL AGMARK LABORATORY, NORTH AMBAZARI ROAD, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5838	**Page No**	1 of 10
Validity	28/06/2022 to 27/06/2024	**Last Amended on**	19/07/2022

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	Cereals, Pulses Including Rice	Damaged Grains	IS 4333 (Part 1)
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground), Mixed Masala	Volatile Oil (ODB)	IS 1797 Clause 15
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Aamchur powder/Mango powder	Sieve test (% pass through 710 micron)	SOP/CAL/Spices & Food grains/Physical analysis/44 Issue No 1
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Asafoetida	Alcoholic Extract with 90 % Alchohol	IS 7807
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Asafoetida	Freedom from Colophony, Galbanum, Ammoniacum and other foreign resins	IS 7807
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper (whole and Ground)	Piperine Content (ODB)	AOAC 987.07
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper whole	Light berries %	IS 1798
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper whole	Pin heads %	IS 1798
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper Whole, cardamom whole	Bulk density	IS 1797
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Blended Edible vegetable oil. Ground nut oil, Seasame oil, Sunflower oil	Test for Hexabromide	IS 548 (Part 2)
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Acidity as lactic acid	IS 3507
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Curd	IS 3507
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Moisture	IS 3507

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter, Fat spread	Fat	IS 3507
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter, Fat spread	Salt as NaCl	IS 3507
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom whole	Immature and shrivelled capsules	IS 1907
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom whole capsules	Empty and malformed capsules	IS 1907
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal , Pulses. cereal products and pulses products	Crude Protein (ODB)	IS 7219
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Gluten	IS 1009
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal products and Pulses products	Alcoholic Acidity	IS 1009
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereal Products, Pulses products	Total Ash (ODB)	IS 1009
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals and Pulses including Rice	Organic Foreign Matter	IS 4333 (part 1)
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Products and Pulses Products	Acid Insoluble Ash (ODB)	IS 1009
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses Including Rice	Immature & Shriveled	IS 4333 (Part 1)
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses Including Rice	Other Edible Grains	IS 4333 (Part 1)
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses Including Rice	Inorganic Foreign Matter	IS 4333 (Part 1)
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses , Cereals products, Pulses Products	Crude Fiber (ODB)	IS 1155

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses including Rice	Broken & Fragments	IS 4333 (Part 1)
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses including rice	Broken Grains	IS 4333 (Part 1)
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses including rice	Fragments	IS 4333 (Part 1)
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses, cereal and pulses products including rice	Foreign matter	IS 4333 (Part 1)
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses, cereal products	Uric Acid	SOP/CAL/2021/ Uric acid/HPLC/05 Issue No 1
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses, cereals products and pulses products, Rice all varieties	Moisture	IS:1155
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses, Rice	Admixture	IS 4333 (Part 1)
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses, Rice	Damaged and discolored grains	IS 4333 (Part 1)
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses, Rice	Weevilled grains	IS 4333 (Part 1)
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli (Whole and Ground)	Capsaicinoid Content (ODB)	SOP/CAL/Whole spices & Ground Spices/Chemical analysis/38 Issue No 4
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilly (whole and powder), Black pepper	Mineral oil	FSSAI Manual of methods of Analysis of Foods (Spices Herbs and Condiments) Method No FSSAI :10.023
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves (whole)	Headless cloves	IS 4404
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves whole	Khoker cloves	IS 4404

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41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves whole	Tendrils, mother cloves	IS 4404
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil	Polenske Value	IS 548 (Part 1/Sec 2)
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Compounded asafoetida	Coaltar dyes	SOP/Whole spices& Ground spices/Chemical analysis/41 Issue No 1
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander whole	Split fruits	IS 2443
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, All Mix Masala	Salt	IS 1797
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry chilies	Broken fruits, seed and fragments	IS 2322
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry chilies	Unripe and marked fruits	IS 2322
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry Ginger	Alcohol Soluble Extract (ODB)	IS 1797
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry Ginger	Calcium (as Calcium oxide) (ODB)	IS 1797
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry Ginger	Cold Water Soluble Extract (ODB)	IS 1797
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Dry Ginger	Water Soluble Ash (ODB)	IS 1797
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fat Spread	Acid Value of Extracted Fat	IS 548 (part 1/Sec2)
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fat spread	Moisture	IS 3507
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fat Spread	Unsaponifiable Matter	IS 548 (Part 1/Sec2)

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55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Free Fatty Acid	IS 3508
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	IS 3508
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Soap Test (phenolphthalein test)	IS 3508
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee, Butter	Baudouin test	IS 3508
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee, Butter	BR Reading at 40°C	IS 3508
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee, Butter	Polenske Value	IS 3508
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee, Butter	Reichert Meissl Value	IS 3508
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ginger whole	Size of rhizome	IS 1908
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity expressed as formic acid	IS 4941
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Aniline Chloride test	SOP/CAL/Honey/Aniline chloride/09 Issue No 3
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Any other extraneous matter	IS 4941
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	IS 4941
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Diastase Activity Schade Units	AOAC 958.09 21st Edition
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe's test	IS 4941

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69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fructose/Glucose Ratio	IS 4941
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	HMF	IS 4941
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS 4941
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Optical Density at 660 nm	IS 4941
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Pollen Count	IS 4941
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific gravity at 27 Deg C	IS 4941
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS 4941
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total Reducing Sugars	IS 4941
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Water insoluble matter	SOP/CAL/Honey/Water Insoluble solids/14 Issue No 3
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mango Powder/Aamchur powder	Acidity as Anhydrous Tartaric acid	IS 13242
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil	Natural Essential Oil (Allyllsothiocynate)	IS 548 (Part 1/Sec 2)
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil, Blended edible vegetable oil, Sunflower oil, Soyabean oil, Coconut oil, Gingelly oil (seasame oil) , Ground nut oil, Rice bran oil, Castor oil	Test for Argemone Oil	FSSAI Manual of Method of Analysis of food (Oils and Fats) Method No. FSSAI 02.032
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil, Blended oil	Test for presence of Hydrocyanic Acid	IS 548 (Part 2)
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil, Coconut oil	Polybromide test	FSSAI Manual of Methods of Analysis of Foods (Oils and Fats) Method No FSSAI 02.018

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83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil, Groundnut oil, Seasame oil (Gingelly oil), Sunflower oil, Soyabean oil, Rice Bran Oil, Castor oil, Blended Edible vegetable oil, Coconut oil	Acid Value	IS 548 (Part 1/Sec 2)
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil	Bellier Turbidity Test	IS 548 (Part 2)
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Blended Edible vegetable Oil, Coconut Oil	Test for Castor Oil	IS 548 (Part 2) Method B
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Edible Vegetable Oil, Coconut Oil	Refractive Index at 40°C	IS 548 (Part 1/Sec 2)
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Edible vegetable Oil, Coconut Oil	Saponification Value	IS 548 (Part 1/Sec 2)
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Edible vegetable Oil, Coconut Oil	Specific Gravity at 30°C	IS 548 (Part 1/Sec 2)
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Edible Vegetable Oil, Coconut Oil	Test for Added Colour	IS 548 (Part 1/Sec 2)
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Edible Vegetable Oil, Coconut Oil	Unsaponifiable Matter	IS 548 (Part 1/Sec 2)
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Edible vegetable Oil, Coconut Oil,	Flash Point	FSSAI Manual of method of analysis of food (Oils and Fats) Method No FSSAI 02.004
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Oil, Coconut Oil	Test for Mineral Oil	IS 548 (Part 2)
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower oil, Soyabean oil, Groundnut oil, Rice bran Oil	Halphen test	IS 548 (Part 2)
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard oil, Groundnut oil, Sesame oil, Sunflower oil, Soyabean oil, Rice Bran Oil, Castor oil, Blended Edible vegetable oil, Coconut oil	Iodine Value	IS 548 (Part 1/Sec 2)
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Edible vegetable oil, Coconut Oil	Colour (Y + 5R) & (Y+ 10R)	IS 548 (Part 1/Sec 2)
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Mustard Oil, Groundnut Oil, Sesame Oil, Sunflower Oil, Soyabean Oil, Ricebran Oil, Castor Oil, Blended Edible vegetable oil, Coconut Oil	Moisture	IS 548 (Part 1/Sec 2)

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97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice all varieties	Green and Immature	IS 4333 (Part 1)
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice all varieties	Kernel breadth in mm	IS 4333 (Part 1)
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice all varieties	Kernel Length mm	IS 4333 (Part 1)
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice all varieties, Basmati Rice, Blended Rice	1000 Kernel weight	IS 4333 (Part 4)
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice including Basmati Rice	Other Rice including Red grains	IS 4333 (Part 1)
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice, Basmati Rice, Blended Rice	Chalky grains	IS 4333 (Part 1)
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & condiments (whole) (Cumin Black (Kalonji) whole, Fenugreek Whole, Fennel whole, Cumin whole)	Other Edible seeds	IS 3795
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole)	Organic extraneous matter	IS 4403
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Crude Fibre (ODB)	IS 1797 Clause 13
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Non Volatile Ether Extract (ODB)	IS 1797 Clause 14
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole)	Inorganic extraneous matter	IS 4403
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole)	Insect bored, broken, Shrivelled, Damaged, Discoloured	IS 2443
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Acid insoluble Ash (ODB)	IS 1797 Clause 8

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110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Turmeric powder, Cloves powder, Ajowan seed powder, Coriander powder)	Added starch/foreign starch	FSSAI Manual of methods of Analysis of Foods (Spices Herbs and Condiments) Method No FSSAI 10.039
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and condiments (Ground) and Besan	Sieve test (% pass through 1000 micron)	IS 1797
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Added colour	SOP/Whole spices& Ground spices/Chemical analysis/40 Issue No 1
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Moisture	IS 1797 Clause 9
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments (Whole and Ground)	Total Ash (On Dry Basis)	IS 1797 Clause 6
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and condiments and Besan	Sieve test (% pass through 500 micron)	SOP/CAL/Spices & Food Grains/Physical analysis/44 Issue No 1
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tapioca Sago	pH of aqueous extract	IS:889
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tapioca Sago	Starch	IS : 4706(Part 2)
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tapioca Sago	Test for presence of Hydrocyanic acid	IS 4706 (Part II)
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric	Sieve test (% pass through 300 micron)	SOP/CAL/Spices & Food Grains/Physical analysis/44 Issue No 1
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric	Total Starch (ODB)	IS 4706 (part II)
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Whole and Ground)	Curcuminoid Content (ODB)	IS 10925
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (whole and Ground)	Lead chromate test	IS 3576

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123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric whole	Defective Rhizomes	IS 3576
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty acid profile	SOP/CAL/Fatty acid profile/vegetable oil/01 Issue No 1
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Oryzanol	SOP/CAL/ Oryzanol/Vegetable oil/02 Issue No 1
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta, Maida, Sattu	Microscopic examination of starch particles.	IS:1155
127	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food grains	Aldrin	SOP/CAL/GC/Pesticides/04 Issue No 1
128	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food grains	Endosulfan-I & II	SOP/CAL/GC/Pesticides/04 Issue No 1
129	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Food grains	Heptachlor	SOP/CAL/GC/Pesticides/04 Issue No 1
130	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Spices	Aflatoxin-B1	SOP/CAL/HPTLC/Aflatoxin/03 Issue No 1