



جمهوری اسلامی ایران
Islamic Republic of Iran



مرکز ملی تایید صلاحیت ایران

Identification Number of Accreditation
NACI/Lab-932

Initial Accreditation Date and Place: 2017.01.29 -Tehran
Renewal Date :2020.12.23
Expiry Date : 2025.12.23

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Accreditation Scope of Amin Azma Shargh Research Science Institute Laboratory

No.	Product Name	Product Oriented ¹	Test Oriented ²	Test Title	Applicable Range	Reference
1	Peanut	✓		Specifications and test methods	---	ISIRI 3416
2	Cashev kernel	✓		Specifications and test methods	---	ISIRI 5200
3	Natural Open Pistachio	✓		Specifications and test methods	---	ISIRI 15
4	Spices	✓		Specifications and test methods	---	ISIRI 14
5	Hazelnut	✓		Specifications and test methods	---	ISIRI 247
6	Pistachio kernel without third shell	✓		Specifications and test methods	---	ISIRI 4631
7	Pistachio kernel	✓		Specifications and test methods	---	INSO 218
8	Sesame seed	✓		Specifications and test methods	---	ISIRI 323
9	Processed Almond	✓		Specifications and test methods	---	INSO 16031
10	Hazelnut Kernels	✓		Specifications and test methods	---	ISIRI 3338
11	Walnut kernel	✓		Specifications and test methods	---	ISIRI 18
12	Kabkab dates	✓		Specifications and test methods	---	ISIRI 803
13	Sayer dates	✓		Specifications and test methods	---	ISIRI 285
14	Shahani dates	✓		Specifications and test methods	---	ISIRI 2510
15	Khaseh dates	✓		Specifications and test methods	---	ISIRI 2710
16	Peyyom dates	✓		Specifications and test methods	---	ISIRI 5311
17	Kainthe dates	✓		Specifications and test methods	---	ISIRI 5313
18	Rabbi dates	✓		Specifications and test methods	---	ISIRI 5314
19	Rotab	✓		Specifications and test methods	---	ISIRI 2721
20	Qasb dates	✓		Specifications and test methods	---	ISIRI 2944
21	Mozafati dates	✓		Specifications and test methods	---	ISIRI 395

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22	Green Tea	✓		Specifications and test methods	---	INSO 10768
23	Flavoured tea	✓		Specifications and test methods	---	INSO 17226
24	Black tea	✓		Specifications and test methods	---	ISIRI 623
25	Fragrant herbal based saffron	✓		Specifications and test methods	---	ISIRI 13966
26	Tea bag	✓		Specifications and test methods	---	INSO 3119
27	Green raisin	✓		Specifications and test methods	---	ISIRI 3122
28	Seedless raisin	✓		Specifications and test methods	---	ISIRI 17
29	Roasted Sunflowers Seed Kernels	✓		Specifications and test methods	---	INSO 14615
30	Processed Sunflowers Seed	✓		Specifications and test methods	---	INSO 16028
31	Processed Melon Seed	✓		Specifications and test methods	---	INSO 16029
32	Roasted Pumpkin Seed Kernels	✓		Specifications and test methods	---	ISIRI 14616
33	Processed Pumpkin Seed	✓		Specifications and test methods	---	INSO 16030
34	Wheat	✓		Specifications and test methods	---	ISIRI 104
35	Rice	✓		Specifications and test methods	---	ISIRI 127
36	Barley	✓		Specifications and test methods	---	ISIRI 47
37	Skined wheat	✓		Specifications and test methods	---	ISIRI 2523
38	Skined barley	✓		Specifications and test methods	---	ISIRI 2524
39	WHEAT AND BARLEY FLAKES	✓		Specifications and test methods	---	ISIRI 3622
40	Split peas	✓		Specifications and test methods	---	ISIRI 97
41	Lentils	✓		Specifications and test methods	---	ISIRI 27

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42	Mung bean	✓		Specifications and test methods	---	ISIRI 99
43	Beans	✓		Specifications and test methods	---	ISIRI 38
44	Chickpeas	✓		Specifications and test methods	---	ISIRI 96
45	Canned Pears	✓		Specifications and test methods	---	INSO 2485-3
46	Canned Apricot	✓		Specifications and test methods	---	INSO 2485-4
47	Canned Peach	✓		Specifications and test methods	---	INSO 2485-8
48	Canned apple	✓		Specifications and test methods	---	ISIRI 10757
49	Canned cherry	✓		Specifications and test methods	---	ISIRI 9720
50	Canned tomato paste	✓		Specifications and test methods	---	INSO 761
51	Canned green beans	✓		Specifications and test methods	---	ISIRI 119
52	Canned kidney bean in tomato sauce	✓		Specifications and test methods	---	ISIRI 8572
53	Canned mixed vegetable	✓		Specifications and test methods	---	ISIRI 5663
54	Canned sweet corn	✓		Specifications and test methods	---	INSO 2789
55	Canned Green peas	✓		Specifications and test methods	---	ISIRI 118
56	Canned Cooked pinto Beans and Mushroom	✓		Specifications and test methods	---	INSO 4943
57	Canned beans in tomato sauce	✓		Specifications and test methods	---	ISIRI 1635
58	Canned pickled cucumbers	✓		Specifications and test methods	---	ISIRI 116
59	CANNED EGG PLANT	✓		Specifications and test methods	---	ISIRI 3762

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60	CANNED Lencil	✓		Specifications and test methods	---	INSO 6695
61	Canned chickpea	✓		Specifications and test methods	---	ISIRI 8571
62	SURE MIXED VEGETABLES	✓		Specifications and test methods	---	ISIRI 3438
63	Table olive oil in brine	✓		Specifications and test methods	---	INSO 987
64	Processed olive	✓		Specifications and test methods	---	INSO 8692
65	Macaron sauce with soya	✓		Specifications and test methods	---	INSO 5216
66	Mixed pickle	✓		Specifications and test methods	---	INSO 9442
67	Pickled mashroom	✓		Specifications and test methods	---	ISIRI 9444
68	Pickled cabbage	✓		Specifications and test methods	---	ISIRI 9445
69	Pickled garlic	✓		Specifications and test methods	---	ISIRI 9446
70	Mayonnaise & Salad dressings	✓		Specifications and test methods	---	INSO 2454
71	Tomato sauce	✓		Specifications and test methods	---	INSO 2550
72	Chilithai sauce	✓		Specifications and test methods	---	ISIRI 13530
73	Pizza sauce	✓		Specifications and test methods	---	ISIRI 10224
74	Sour Cherry nectar	✓		Specifications and test methods	---	ISIRI 10526
75	Mix fruits nectar	✓		Specifications and test methods	---	ISIRI 3688
76	Mango nectar	✓		Specifications and test methods	---	ISIRI 9405
77	Pineapple nectar	✓		Specifications and test methods	---	ISIRI 10498
78	Banana nectar	✓		Specifications and test methods	---	ISIRI 10524
79	Peach, plum, pear, apple, apricot nectars	✓		Specifications and test methods	---	ISIRI 2613
80	Barberry juice	✓		Specifications and test methods	---	INSO 17524
81	Mango juice	✓		Specifications and test methods	---	ISIRI 10554

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82	Concentrated mango juice	✓		Specifications and test methods	---	ISIRI 11072
83	SourCherry juice	✓		Specifications and test methods	---	ISIRI 3032
84	Concentrated Sour cherry juice	✓		Specifications and test methods	---	ISIRI 5528
85	Fruit juices	✓		Specifications and test methods	---	ISIRI 2685
86	Apple puree	✓		Specifications and test methods	---	ISIRI 5210
87	Purees of peach, apricot, pear, red plum , yellow plum, apple,kiwi	✓		Specifications and test methods	---	ISIRI 11692
88	Fruit drinks (non-carbonated)	✓		Specifications and test methods	---	ISIRI 2837
89	Carbonated fruit juices, fruit nectars, fruit base drinks	✓		Specifications and test methods	---	ISIRI 14345
90	Carbonated Soft Drink	✓		Specifications	---	ISIRI 1250
				test methods		ISIRI 1249
91	Fruit paste	✓		Specifications and test methods	---	ISIRI 3308
92	Processed fruit	✓		Specifications and test methods	---	ISIRI 11088
93	Vinegar	✓		Specifications and test methods	---	ISIRI 355
				Specifications and test methods		ISIRI 1394
94	Turmeric whole or ground	✓		Specifications and test methods	---	ISIRI 252

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95	Food grade unionized salt	✓		Specifications and test methods	---	ISIRI 26
96	Food Grade Iodized Salt	✓		Specifications and test methods	---	ISIRI 1195
97	Saffron	✓		Specifications and test methods	---	ISIRI 259-1
98	Dried Spearmint	✓		Specifications and test methods	---	ISIRI 1157
99	Dried dill	✓		Specifications and test methods	---	ISIRI 6600
100	Dried Allium sp	✓		Specifications and test methods	---	ISIRI 6599
101	DEHYDRATED PARSLEY	✓		Specifications and test methods	---	ISIRI 4525
102	Cake	✓		Specifications and test methods	---	ISIRI 2553
103	Koluche	✓		Specifications and test methods	---	INSO 2554
104	Wafer	✓		Specifications and test methods	---	INSO 592
105	Cookies and Pastry	✓		Specifications and test methods	---	INSO 3493
106	Wheat flour	✓		Specifications and test methods	---	ISIRI 103
107	Traditional breads	✓		Specifications and test methods	---	INSO 2628
108	Macaroni	✓		Specifications and test methods	---	ISIRI 213
109	Aash Branch and Rice Branch	✓		Specifications and test methods	---	INSO 2018
110	Breakfast cereals	✓		Specifications and test methods	---	INSO 13577
111	Puffed cereal grains	✓		Specifications and test methods	---	INSO 4509
112	Unfinished cake powder	✓		Specifications and test methods	---	ISIRI 6949
113	Halva ardeh	✓		Specifications and test methods	---	ISIRI 2462
114	Fried potato chips and shoestring	✓		Specifications and test methods	---	INSO 3764

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115	Pasteurized Liquid Egg	✓		Specifications and test methods	---	ISIRI 13248
116	Fresh cheese	✓		Specifications and test methods	---	ISIRI 6629
117	Cream cheese	✓		Specifications and test methods	---	ISIRI 5881
118	Process(ed) cheese and Spreadable process(ed) cheese	✓		Specifications and test methods	---	ISIRI 4659
119	Pasteurized and UHT Flavoured Cream	✓		Specifications and test methods	---	ISIRI 13635
120	Liquid Kashk	✓		Specifications and test methods	---	ISIRI 2452
121	Dried kashk	✓		Specifications and test methods	---	ISIRI 1188
122	Industrial Liquid Kashk	✓		Specifications and test methods	---	ISIRI 6127
123	Ice cream	✓		Specifications and test methods	---	ISIRI 2450
124	Doogh	✓		Specifications and test methods	---	ISIRI 2453
125	Flavored Milk	✓		Specifications and test methods	---	ISIRI 1527
126	Foods of plant origin		✓	Determination of pesticide resid using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and cleanup by dispersive SPE - QuEChERS-method	---	ISIRI 17026

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127	Animal and vegetable fats and oils		✓	Determination of individual and total strols contents by as chromatography - Test method	---	ISIRI 9670
128	Foodstuffs		✓	Methods of analysis for the detection of genetically modified organisms and derived products Qualitative nucleic acid based methods	---	ISIRI 9617
129	Human & Animal feed		✓	Determination of Aflatoxins B&G by HPLC method using immunoaffinity column clean up	Afla B1 ≥ 0.4 µg/kg Afla B2 ≥ 0.08µg/kg Afla G1 ≥ 0.4 µg/kg Afla G2 ≥ 0.08 µg/k	ISIRI 6872
130	Grain		✓	Determination of deoxynivalenol clean up by immunoaffinity column with high performance liquid chromatographic	DON ≥ 300 µg/kg	ISIRI 9240
131	Grain and its products		✓	Determination of Ochratoxin A by by HPLC method & immunoaffinity column clean up	OCT ≥ 0.4 µg/kg	ISIRI 9238

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131	Human & Animal feed		✓	Determination of zearalenon by HPLC method & immunoaffinity column clean up	ZON \geq 30 $\mu\text{g}/\text{kg}$	ISIRI 9239
132	Dried fruits		✓	Determination of Ochratoxin A by HPLC method & immunoaffinity column clean up	OCT \geq 0.4 $\mu\text{g}/\text{kg}$	ISIRI 9237
133	Milk and milk products		✓	Determination of aflatoxin M1 by HPLC method and immunoaffinity column clean up-Test method	Afla M1 \geq 0.01 $\mu\text{g}/\text{kg}$	ISIRI 7133
134	Foodstuffs & Animal feed		✓	Determination of total arsenic by hydride generation atomic absorption spectrometry (HGAAS) after dry ashing	As \geq 0.004 $\mu\text{g}/\text{kg}$	ISIRI 16722
				Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS) after pressure digestion	Hg \geq 0.2 $\mu\text{g}/\text{kg}$	EN 13806
				Determination of Lead, Cadmium, Copper, Iron, and Zinc -Atomic absorption spectrophotometry	Pb \geq 0.001 $\mu\text{g}/\text{kg}$ Cd \geq 0.001 $\mu\text{g}/\text{kg}$	ISIRI 9266

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134	Foodstuffs& Animal feed		✓	Determination of Lead, Cadmium, Copper, Iron, and Zinc -Atomic absorption spectrophotometry	Cu ≥0.066 µg/kg Zn ≥0.113 µg/kg Ni ≥0.002 µg/kg Fe ≥0.0375 µg/kg	ISIRI 9266
				Determination of mercury content by atomic absorption spectrometry	Hg ≥ 0.2 µg/kg	ISIRI 5346
				Determination of mercury content flameless atomic absorption method	Hg ≥ 0.2 µg/kg	ISIRI 6123
135	Animal feed		✓	Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS)after microwave pressure digestion (extraction with 65 % nitric acid and 30 % hydrogen peroxide)	Hg ≥ 0.2 µg/kg	ISIRI 17378
136	Food Additives		✓	Determination of Sunset yellow in Puffed Products Based on Cereal Grit and Flour by spectrophotometry Method	---	ISIRI 19921

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137	Synthetic Food Colors in Foods		✓	identification by thin layer chromatography- test method	---	INSO 2634	
138	Food color		✓	Determination of synthetic colors (quinoline yellow, sunset yellow, brilliant blue, indigo tine, allura red, ponceu 4R and carmoisine) in beverages, jellies, pastilles and edible ices by HPLC	---	ISIRI 15594	
139	Doogh		✓	Determination by high performance liquid chromatography method	---	ISIRI 20438	
140	Pasteurized butte		✓	Color -Taste & Odor	---	ISIRI 162 Clause 7-1	
				texture		ISIRI 162 Clause 7-1	
				Determination of moisture		ISIRI11976-1	
				fat			
				non-fat solids			
				salt			ISIRI 694
				iodine value			ISIRI 4888
				acidity			ISIRI 4178
saponification value	ISIRI 10501						
peroxide value	ISIRI 4179						

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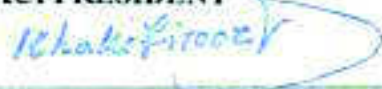
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140	Pasteurized butter		✓	melting point	---	ISIRI 4887
				strols		ISIRI 9670
				aflatoxin		ISIRI 7133
141	Pizza processed cheese		✓	Color -Taste & Odor	---	ISIRI 13526 Clause 6-1
				texture		ISIRI 13526 Clause 6-1
				pH		ISIRI 2852
				solids content		ISIRI 1753
				fat in solids content		ISIRI 760
				protein		ISIRI 9188-1
				chloride content		ISIRI 1809
				sorbic asied and Potassuim sorbate		ISIRI 4825
				strols		ISIRI 9670
				aflatoxin		ISIRI 7133
				Packaging		ISIRI 13526 Clause 9
Marking	ISIRI 13526 Clause 11					
142	Ultra high temperature milk		✓	Color -Taste & Odor	---	ISIRI 1528 Clause 5-1
				Acidity before Stove		ISIRI 2852
				Acidity after Stove		
				disparity before & after Stove		
				fat		
fat in solids content	ISIRI 637					

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142	Ultra high temperature milk		✓	specific gravity	---	ISIRI 638
				strols		ISIRI 9670
				aflatoxin		ISIRI 7133
				Marking		ISIRI 1528 Clause 8
143	Pasteurized milk		✓	Color -Taste & Odor	---	ISIRI 93 Clause 5-1
				specific gravity		ISIRI 638
				fat		ISIRI 366
				strols		ISIRI 9670
				aflatoxin		ISIRI 7133
				Marking		ISIRI 93 Clause 10
144	Flavored yoghurt		✓	Color -Taste & Odor	---	ISIRI 4046 Clause 6-1
				texture		ISIRI 4046 Clause 6-1
				pH		ISIRI 2852
				solids content		ISIRI 1753
				fat		ISIRI 695
				Synthetic Food		INSO 2634
				Salt		ISIRI 1809
				Total Sugar		ISIRI 4046 Clause 7-12

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144	Flavored yoghurt		✓	strols	---	ISIRI 9670
				Packaging		ISIRI 4046 Clause 10
				Marking		ISIRI 4046 Clause 11
145	Yogurt		✓	sensate Specifications	---	ISIRI 695 Clause 7-1
				texture		ISIRI 695 Clause 7-1
				pH		ISIRI 2852
				solids content		ISIRI 1753
				Acidity		ISIRI 2852
				Packaging		ISIRI 695 Clause 10
				Marking		ISIRI 695 Clause 11
146	Pasteurized and UHT cream		✓	Color -Taste & Odor	---	ISIRI 191 Clause 5-5
				fat content		ISIRI 1189
				Acidity		ISIRI 2852
				pH		
				strols		ISIRI 9670

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146	Pasteurized and UHT cream		✓	afatoxin	---	ISIRI 7133
				Po		ISIRI 9266
				Packaging		ISIRI 191 Clause 8
				Marking		ISIRI 191 Clause 9
147	Canned tuna fish in oil		✓	Apparent condition		ISIRI 2870 Clause 1-7
				color		ISIRI 2870 Clause 3-7
				taste and odor		ISIRI 2870 Clause 4-7
				texture		ISIRI 2870 Clause 5-7
				Can Fullness		ISIRI 2870 Clause 6-7
				Net weight		ISIRI 2870 Clause 7-7

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147	Canned tuna fish in oil		✓	unacceptable matters	---	ISIRI 2870 Clause 8-7
				Colander		ISIRI 2870 Clause 9-7
				determination Solid & chunk meat		ISIRI 2870 Clause 10-7
				Dark & Bright meat		ISIRI 2870 Clause 11-7
				weight Phase Liquid		ISIRI 2870 Clause 12-7
				determination Oil Phase Liquid		ISIRI 2870 Clause 13-7
				Determination Salt		ISIRI 2870 Clause 14-7
				Measurement of pH		ISIRI 2870 Clause 15-7

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مرکز ملی تأیید صلاحیت ایران

Identification Number of Accreditation
NACI/Lab/932
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Renewal Date :2020.12.23
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Laboratory Accreditation Certificate

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No.	Product Name	Product Oriented ¹	Test Oriented ²	Test Title	Applicable Range	Reference
147	Canned tuna fish in oil		✓	non-edible parts of plants	---	ISIRI 2870 Clause 16-7
				Measurement of peroxide value		ISIRI 2870 Clause 19-7
				Additive stuffs		ISIRI 2870 Clause 5-5
				Measurement of Cd		ISIRI 9266
				Measurement of Hg		ISIRI 17378
				Measurement of Sn		ISIRI 9265
				Marking		ISIRI 2870 Clause 9
148	Biscuit		✓	Physical& sensate Specifications	---	ISIRI 37 Clause 1-5
				Measurement of moisture		ISIRI 37 Clause 1-3-9
				Measurement of PH		ISIRI 37 Clause 2-3-9
				Measurement of insolvable ash in acid		ISIRI 37 Clause 3-3-9

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No.	Product Name	Product Oriented ¹	Test Oriented ¹	Test Title	Applicable Range	Reference
148	Biscuit		✓	Measurement of total sugar	---	ISIRI 37 Clause 4-3-9
				Measurement of Acidity extracted oil		ISIRI 37 Clause 5-3-9
				Measurement of Number Acidity extracted oil		ISIRI 37 Clause 6-3-9
				Test kereis		ISIRI 37 Clause 7-3-9
				Measurement of broken slices		ISIRI 37 Clause 8-3-9
				color Specification		ISIRI 37 Clause 10-3-9
				Measurement of fiber		ISIRI 37 Clause 11-3-9
				Measurement of fat		ISIRI 37 Clause 12-3-9

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No.	Product Name	Product Oriented ¹	Test Oriented ²	Test Title	Applicable Range	Reference
148	Biscuit		✓	Packaging	---	ISIRI 37 Clause 10
				Marking		ISIRI 37 Clause 11
149	Microbiological of pastry and confectionary products	✓		Specifications and test method	---	INSO 2395
150	Cereal product and pulses , flour and soya protein	✓		Specifications and test method	---	ISIRI 2393
151	Microbiology of milk and milk products	✓		Specifications and test method	---	ISIRI 2406

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No.	Product Name	Product Oriented ¹	Test Oriented ²	Test Title	Applicable Range	Reference
152	Microbiology of Canned foods- Commercial sterility	✓		Specifications and test method	---	ISIRI 2326
153	Microbiology of Concentrated fruit and vegetable juices	✓		Specifications and test method	---	ISIRI 6332
154	Microbiology of Soft drinks-Fruit juice, Vegetable juice and products	✓		Specifications and test method	---	ISIRI 3414

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No.	Product Name	Product Oriented ¹	Test Oriented ²	Test Title	Applicable Range	Reference
155	Puree, Pulp, Sacs and Slices of Fruit and Vegetables (in water, syrup or fruit juice)	✓		Specifications and test method	---	ISIRI 19336
156	Cereal products - Unfinished cake powder, gluten and bran	✓		Specifications and test method	---	ISIRI 3851
157	Microbiolog of Dehydrated vegetables	✓		Specifications and test method	---	ISIRI 593
158	Microbiology of cereals and pulses grains	✓		Specifications and test method	---	ISIRI 11602
159	Soft Packed dates	✓		Specifications and test method	---	ISIRI 16127
160	Microbiology of tea	✓		Specifications and test method	---	ISIRI 17070

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No.	Product Name	Product Oriented ¹	Test Oriented ²	Test Title	Applicable Range	Reference
161	Microbiology of snacks	✓		Specifications and test method	---	ISIRI 11603
162	Microbiology of saffron	✓		Specifications and test method	---	ISIRI 5689
163	Tomato sauce (Ketchup)	✓		Specifications and test method	---	ISIRI 8897
164	Carbonated soft drink	✓		Specifications and test method	---	ISIRI 3845
165	Brined Cheese		✓	Sensate Specifications	---	ISIRI 2344-1 Clause 4-4
				Solids Content		ISIRI 1809
				Acidity		ISIRI 2852
				pH		INSO 1753
				Textere		ISIRI 8785
				Solids Content		ISIRI 9265
				Sn		ISIRI 9670
				Strois		INSO 7133
				Aflatoxin		ISIRI 2344-1 Clause 8
				Packaging		ISIRI 2344-1 Clause 9
	Marking					

1- **Product Oriented:** Laboratory is accredited to meet all requirements of the product specification standard.

2- **Test Oriented.** Laboratory is accredited for carrying out the tests mentioned in the above table.

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جدول شماره ۱: پایین ترین حد اندازه گیری (LOQ) در روش جذب اتمی با شعله

ردیف	عنوان آزمون	مرجع	LOQ
۱	قلع در مواد غذایی	ISIRI 9265	14.044 mg/kg
۲	آهن در مواد غذایی	ISIRI 9266	0.357 mg/kg
۳	روی در مواد غذایی	ISIRI 9266	0.113 mg/kg
۴	لیکل در مواد غذایی	ISIRI 9266	0.002 mg/kg

جدول شماره ۲: پایین ترین حد اندازه گیری (LOQ) در روش جذب اتمی با تولید هیدرید

ردیف	عنوان آزمون	مرجع	LOQ
۱	جیوه در خوراک دام	ISIRI 17378	0.2 µg/kg
۲	جیوه در مواد غذایی	ISIRI 5346	0.2 µg/kg
۳	جیوه در مواد غذایی	ISIRI 6123	0.2 µg/kg
۴	جیوه در خوراک انسان	EN-13806	0.2 µg/kg
۵	آرسنیک در مواد غذایی	ISIRI 16722	0.004 mg/kg

جدول شماره ۳: پایین ترین حد اندازه گیری (LOQ) در روش جذب اتمی با کوره گرافیتی

ردیف	عنوان آزمون	مرجع	LOQ
۱	سرب در مواد غذایی	ISIRI 9266	0.001 mg/kg
۲	کادمیوم در مواد غذایی	ISIRI 9266	0.001 mg/kg
۳	مس در مواد غذایی	ISIRI 9266	0.066 mg/kg



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جدول شماره ۴: پایین ترین حد اندازه گیری (LOQ) مایکوتوکسین ها در مواد غذایی بوسیله HPLC

ردیف	عنوان آزمون	مراجع	LOQ
۱	آفلاتوکسین B1	ISIRI 6872	0.4 µg/kg
۲	آفلاتوکسین B2	ISIRI 6872	0.08 µg/kg
۳	آفلاتوکسین G1	ISIRI 6872	0.4 µg/kg
۴	آفلاتوکسین G2	ISIRI 6872	0.08 µg/kg
۵	آفلاتوکسین M1	ISIRI 7133	0.01 µg/kg
۶	اکراتوکسین	ISIRI 9237- 9238	0.4 µg/kg
۷	زیرالنون	ISIRI 9239	30 µg/kg
۸	داکسی نیوالنول	ISIRI 9240	300 µg/kg

جدول شماره 5: پایین ترین حد اندازه گیری (LOQ) باقیمانده سموم و آفت کش ها در مواد غذایی بوسیله GC- MASS

ردیف	عنوان آزمون	مراجع	LOQ
۱	باقیمانده سموم در مواد غذایی	ISIRI 17026	0.025 mg/kg