

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Cotecna Inspection India Private Limited

Prakrati Corporate, B-601-608 (6th Floor),
Plot No. 18/2, Yashwant Niwas Road,
Indore- 452003, Madhya Pradesh, India

has been assessed and accredited in accordance with the Standard

ISO/IEC 17025:2017

“General Requirements for the Competence of Testing and Calibration Laboratories”
In the field of
Testing

This certificate remains valid for the Scope of Accreditation as specified
in the annexure subject to continued compliance to the above standard &
any other requirements specified by QAI.



QAI/CIA/TL/2025/0102

Valid from: 13 February 2025

Valid until: 12 February 2027

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: www.qai.org.in



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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Animal Food & Feed		
1.	Full fat soya Flour	Urease activity	IS 7837: 2013
2.	Soyabean DOC (De-Oiled Cake) Cotton seed DOC (De Oiled Cake) Cotton cake (De Oiled Cake) Mustard DOC (De-Oiled Cake) mustard cake Rapseed DOC (De-Oiled Cake) Soya flour Soya flaks De-oiled rice bran, Cotton seed oilcake	Urease activity	Gafta 130 -21:0: 2018
3.		Crude fibre	Gafta 1309:0:2018
4.		Crude protein	Gafta 1304:1:2018
5.		Moisture content	Gafta 1302:1:2018
6.		Oil content	Gafta 1303:2:2018
7.		Sand and or silica	Gafta 13012:0: 2018
8.		Total Ash	Gafta 13011:1:2018
9.		Nitrogen solubility index	AOCS Ba 11- 65: 2022
10.		Protein solubility 0.2 % KoH	ISO 14244:2014
11.	Edible Low Fat soya flour	Free from extraneous matter	IS 7836: 2013
12.	Edible Low Fat soya flour	Free from Rodent hair, excreta	IS 7836: 2013
13.	Edible Medium Fat soya flour	Insects, Insect fragments (living and dead)	IS 7835: 2013
14.	Full fat soya flour	Colour	IS 7837: 2013
15.	Full fat soya flour	Insects, Insect fragments (living and dead)	IS 7837: 2013
16.	Edible Low Fat soya flour	Colour	IS 7836: 2013
17.		Free from rancid odour	IS 7836: 2013

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www.qai.org.in



1 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Animal Food & Feed		
18.		Fungus infestation	IS 7836: 2013
19.		Insects, Insect fragments (living and dead)	IS 7836: 2013
20.	Edible Medium Fat soya flour	Colour	IS 7835: 2013
21.		Free from extraneous matter	IS 7835: 2013
22.		Free from rancid odour	IS 7835: 2013
23.		Free from Rodent hair, excreta	IS 7835: 2013
24.		Fungus infestation	IS 7835: 2013
25.	Edible Medium Fat soya flour, Full fat soya flour, Edible Low Fat soya flour	Total Free fatty acid	IS 7835: 2013
26.	Full fat soya flour	Free from extraneous matter	IS 7837: 2013
27.		Free from rancid odour	IS 7837: 2013
28.		Free from Rodent hair, excreta	IS 7837: 2013
29.		Fungus infestation	IS 7837: 2013
30.	Medium Fat Soya Flour	Urease Activity	IS 7835: 2013
31.	Rice Bran	Oil content	IS 7874 (Part 1): 1975
32.	Soyabean DOC (De-Oiled Cake) Cotton seed DOC (De-Oiled)	Ammoniacal Nitrogen	IS 7874 (Part 1): 1975



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	Animal Food & Feed		
33.	Cake) Cotton cake (De Oiled Cake) Mustard DOC (De-Oiled Cake) mustard cake Rapseed DOC (De Oiled Cake) Soya flour Soya flaks De-oiled rice bran	Crude fibre	ISO 6865:2000
34.	flour Soya flaks De-oiled rice bran	Castor seeds husks	ISO 5061:2002
35.	Soyabean DOC (De-Oiled Cake), Soybean meal, yellow soybean meal, Indian yellow soybean meal, organic soybean meal, Cotton seed DOC (De Oiled Cake) Cotton cake (De Oiled Cake) Mustard DOC (De-Oiled Cake) mustard cake Rapseed DOC (De Oiled Cake) Soya flour, Soya flaks De-oiled rice bran, Guar meal,	Ash insoluble in hydrochloric acid	ISO 5985:2002
36.	Guar gum, poultry feed, Animal feed.	Crude protein	ISO 5983-1:2005
37.		Crude protein	ISO 5983-2:2009
38.		Moisture content	ISO 6496:1999
39.		Oil content	ISO 6492:1999
40.		Total Ash	ISO 5984:2022
41.	Soyabean DOC (De-Oiled Cake), Soybean meal, yellow soybean meal, Indian yellow soybean meal, organic	Urease activity	71/250/EEC:1971



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	Animal Food & Feed		
42.	soybean meal, Soya flour, Soya flaks, poultry feed, Animal feed.	Urease activity	ISO 5506: 2018
43.	Cotton seed oilcake	Colour	QMS-PR-AGRI-LAB-TEC-002-1.0
44.		Free from adulterants like Rice bran cake	QMS-PR-AGRI-LAB-TEC-002-1.0
45.		Free from adulterants like Rice bran husk	QMS-PR-AGRI-LAB-TEC-002-1.0
46.		Free from adulterants like sunflower cake (kardi cake)	QMS-PR-AGRI-LAB-TEC-002-1.0



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
1.	Biscuits	Acid insoluble ash	IS 1011: 2002
2.	Biscuits	Acidity of extracted fat (as Oleic acid)	IS 1011: 2002
3.	Biscuits	Moisture content	IS 1011: 2002
4.	Bread	Acid insoluble ash	IS 12711:1989
5.	Bread	Alcoholic acidity	IS 12711:1989
6.	Bread	Moisture	IS 12711:1989
7.	Namkeen	Acid insoluble ash	IS 15271:2003
8.	Namkeen	Acidity of extracted fat	IS 15271:2003
9.	Namkeen	Fat	IS 15271:2003
10.	Namkeen	Moisture	IS 15271:2003
11.	Namkeen	Peroxide value	IS 15271:2003
12.	Chick peas	Aborted	IS 4333 (Part-1): 2018
13.	Chick peas	Stained	QMS-PR- AGRI-LAB- TEC-005-1.0 issue no 1.0 issued date 01/06/2018: 2018
14.	Chick peas, soyabean seed, red gram, Bengal gram, lentil, pea, mung, green gram	Dal or Dhal (Split Kernels)	IS 4333 (Part-1): 2018
15.	Wheat flour, Atta	Free from musty, off odour	IS 1155: 2022
16.	Chick peas, red gram, Bengal gram, lentil, pea, mung, green gram	Worm eaten	ISO 605: 1991

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www.qai.org.in



5 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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Scope of Accreditation

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
17.	Besan	Colour	IS 2400: 2022
18.	Besan	Free flowing	IS 2400: 2022
19.	Besan	Insect infestation	IS 2400: 2022
20.	Besan	Smell	IS 2400: 2022
21.	Besan	Taste	IS 2400: 2022
22.	Cereal and cereal products	Crude fat and Total fat	ISO 11085:2015
23.	Cereal and cereal products	Ash	ISO 2171:2023
24.	Cereal and cereal products	Crude Protein	ISO 20483: 2013
25.	Cereal and cereal products	Moisture content	ISO 712: 2009
26.	Cereals	Impurity	ISO 7970: 2021
27.	Chick peas	Count per Ounce	COT/SOP/OPR 1.0 ISSUE NO 1.0 ISSUED DATE 01/06/2018: 2018
28.	Chick peas, rice, barley, soyabean seed, paddy, red gram, Bengal gram, lentil, pea, mung, green gram	1000 Kernel Weight	IS 4333: Part IV: 2017
29.	Chick peas, soyabean seed, sorghum, red gram, Bengal gram, lentil, pea, mung, green gram	Green seed	Codex Standard 171:1989
30.	Corn Flakes	Acid insoluble ash (on dry basis	IS 1158: 1973

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www.qai.org.in



6 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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Valid until: 12 February 2027

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
31.		Alcoholic acidity	IS 1158: 1973
32.		Crude Fibre	IS 1158: 1973
33.		Moisture	IS 1158: 1973
34.		Total Ash (Dry basis)	IS 1158: 1973
35.		Total Ash excluding Sodium Chloride	IS 1158: 1973
36.	Guar Gum Refined Splits	Kernels with husk	IS 4333 (Part 1): 2018
37.		Moisture	IS 7437: 1974
38.		Protein	IS 7437: 1974
39.	Guar Seed	Damaged seed	IS 4333 (Part 1): 2018
40.		Moisture	IS 4333 (Part 2): 2017
41.	Guar Seed, Guar Gum Refined Splits	Foreign Matter	IS 4333 (Part 1): 2018
42.	Maida	Acid insoluble ash	IS 1009: 2023
43.		Appearance	IS 1009: 2023
44.		Colour	IS 1009: 2023
45.		Free flowing	IS 1009: 2023
46.		Free from dirt and other extraneous matter	IS 1009: 2023
47.		Free from Rodent contamination	IS 1009: 2023
48.		Free from visible bran particles	IS 1009: 2023

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www.qai.org.in



7 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
49.		Fungus infestation	IS 1009: 2023
50.		Gluten (On dry basis)	IS 1009: 2023
51.		Insect infestation	IS 1009: 2023
52.		Moisture	IS 1009: 2023
53.		Smell	IS 1009: 2023
54.		Taste	IS 1009: 2023
55.		Total Ash	IS 1009: 2023
56.	Maida, Wheat flour, Atta, Suji or Rawa (Semolina), besan	Crude protein	ISO 20483:2013
57.	Maize	Crude Protein	ISO 20483: 2013
58.		Moisture content	ISO 6540: 2021
59.	Maize, wheat, chick peas, rice, barley, soyabean seed, sorghum, paddy, oats, Millets, bajra, red gram, bengal gram, lentil, pea, mung, green gram	Broken	IS 4333 (Part-1): 2018
60.		Damaged	IS 4333 (Part-1): 2018
61.		Discoloured	IS 4333 (Part-1): 2018
62.		Foreign matter	IS 4333 (Part-1): 2018
63.		Insect damaged	IS 4333 (Part-1): 2018
64.		Kernels with husk	IS 4333 (Part- 1): 2018
65.		Other food grain	IS 4333 (Part-1): 2018
66.		Red Grains	IS 4333 (Part-1): 2018
67.		Shrivelled or Immature	IS 4333 (Part-1): 2018
68.		Varietal admixture	IS 4333 (Part-1): 2018

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www.qai.org.in



8 of 23

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
69.		Weevilled	IS 4333 (Part-1): 2018
70.		Egg spotted grain	IS 4333 (Part-1): 2018
71.		Other edible grains	IS 4333 (Part-1): 2018
72.		Foreign matter	ISO 605: 1991
73.	Pulses	Moisture content	ISO 24557:2009
74.	Rice	Avg. Grain Length	ISO 7301:2021
75.		Black kernel	QMS-PR- AGRI-LAB- TEC-004-1.1 (Effective date: 29th September): 2020
76.		Chalky	ISO 7301: 2021
77.		Dehusked Grains	IS 4333 (Part 1): 2018
78.		Fragments	IS 4333 (Part 1): 2018
79.		Heat Damaged kernel	ISO 7301: 2021
80.		Infestation (live/dead weevils)	QMS-PR- AGRI-LAB- TEC-002-1.0 (Effective date: 1st June): 2018
81.		Milling Degree	ISO 7301:2021
82.	Rice	Mouldy grains	QMS-PR- AGRI-LAB- TEC-002-1.0 (Effective date: 1st June): 2018
83.		Odour, Flavour, Smell, Taste, Infestation	QMS-PR- AGRI-LAB- TEC-002-1.0 (Effective date: 1st June): 2018
84.		Paddy	ISO 7301:2021
85.		Pecks	ISO 7301:2021

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www.qai.org.in



9 of 23

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Centre for International Accreditation

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
86.		Silky	QMS-PR- AGRI-LAB- TEC-004-1.1 (Effective date: 29th September): 2020
87.		Sortexed	QMS-PR- AGRI-LAB- TEC-004-1.1 (Effective date: 29th September): 2020
88.		Waxy Rice	ISO 7301: 2021
89.	Suji, Rawa, Semolina	Gluten on dry basis	IS 1010: 2023
90.		Acid insoluble ash	IS 1010: 2023
91.		Alcoholic acidity as H ₂ SO ₄	IS 1010: 2023
92.		Appearance	IS 1010: 2023
93.		Free from dirt and other extraneous matter	IS 1010: 2023
94.		Free from musty, off odour	IS 1010: 2023
95.		Free from Rodent contamination	IS 1010: 2023
96.	Suji, Rawa, Semolina	Moisture	IS: 1010: 2023
97.		Smell	IS 1010: 2023
98.		Taste	IS 1010: 2023
99.		Total Ash	IS 1010: 2023
100.	Wheat	Ash	ISO 2171: 2023

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10 of 23

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Centre for International Accreditation

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
101.		Bunted grains	ISO 7970:2021
102.		Crude fiber	IS 10226 part-1: 1982
103.		Crude Protein	ISO 20483:2013
104.		Dry Gluten	IS 16309 Part 3: 2017
105.		Ergot grains	ISO 7970: 2021
106.		Extraneous matter	ISO 7970: 2021
107.		Fusarium Contaminated	ISO 7970: 2021
108.		Grains attacked by pests	ISO 7970: 2021
109.		Harmful matter.	ISO 7970: 2021
110.		Heat damaged	ISO 7970: 2021
111.		Hectolitre weight	IS 4333 (Part 3): 2023
112.		Mouldy grains	ISO 7970: 2021
113.	Wheat	Other cereals	ISO 7970: 2021
114.		Rotten grains	ISO 7970: 2021
115.		Sprouted grains	ISO 7970: 2021
116.		Unsound grains	ISO 7970: 2021
117.		Wet Gluten	IS 8162: 1998
118.		Wet Gluten	ISO 21415 (Part-1): 2006

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www.qai.org.in



11 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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	Food & Agricultural Products		
119.		Wheat decreased value	ISO 7970: 2021
120.	Wheat flour, Atta	Acid insoluble ash	IS: 1155: 2022
121.		Appearance	IS 1155: 2022
122.		Ash	IS 1155: 2022
123.		Dry Gluten	IS: 1155: 2022
124.		Free from dirt and other extraneous matter	IS 1155: 2022
125.		Free from Rodent contamination	IS 1155: 2022
126.		Moisture	IS: 1155: 2022
127.		Smell	IS 1155: 2022
128.		Taste	IS 1155: 2022
129.	Wheat flour, Atta, besan	Alcoholic acidity as H ₂ SO ₄	IS: 1155: 2022
130.	Wheat flour, Atta, Suji or Rawa (Semolina)	Wet Gluten	IS 8162: 1998
131.	Wheat flour, Atta, Suji or Rawa (Semolina), besan, Maida	Crude fibre	IS 10226 (Part-1): 1982
132.	Wheat, Chick peas, rice, barley, soyabean seed, sorghum, paddy, oats, Millets.	Moisture	ISO 712: 2009
133.	bajra, red gram, Bengal gram, lentil, pea, mung, green gram	Moisture content	IS: 4333 (Part-2): 2017

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www.qai.org.in



12 of 23

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Centre for International Accreditation

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	Food & Agricultural Products		
134.	Crude soyabean oil, refined soyabean oil, cotton seed oil, ground nut oil, rice bran oil, acid oil, coconut oil, linseed oil, mustard oil, palm oil, sunflower oil	Presence of Argemone Oil	IS 548 (Part 2): 1976
135.		Presence of Mineral Oil Holdes Test	IS 548 (Part 2): 1976
136.		Slip Melting point	IS 548: Part 1: Sec 2: 2021
137.		Acid value	IS 548: Part 1: Sec 2: 2021
138.		Free Fatty Acids	IS 548: Part 1: Sec 2: 2021
139.		Insoluble Impurities	IS 548: Part 1: Sec 2: 2021
140.		Iodine Value	IS 548: Part 1: Sec 2: 2021
141.		Peroxide value	IS 548: Part 1: Sec 2: 2021
142.		Refractive Index	IS 548: Part 1: Sec 2: 2021
143.		Saponification Value	IS 548: Part 1: Sec 2: 2021
144.		Specific Gravity	IS 548: Part 1: Sec 2: 2021
145.		Volatile Moisture content	IS 548: Part 1: Sec 2: 2021
146.		Unsaponifiable Matter	IS 548: Part 1: Sec 2: 2021
147.		Butyro- refractometer reading at 40 °C	IS 548: Part 1: Sec 2: 2021
148.		Bellier Test	IS 548 (Part 2): 1976

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www.qai.org.in



13 of 23

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	Food & Agricultural Products		
149.	acid oil, coconut oil, linseed oil, mustard oil, palm oil, sunflower oil., Degummed Soy oil	Impurities	ISO 663: 2017
150.		Kries test	Manual of methods of analysis of foods of Oils and Fats method No. FSSAI 02.043 (Page No.93- 94): 2021
151.		Moisture and volatile matter	AOCS Ca 2c- 25: 2017
152.		Test for Sesame Oil (Baudouins Test)	IS 548 (Part 2): 1976
153.		Free Fatty Acids	AOCS Ca 5a- 40: 2017
154.	Vegetable oil and Fats	Melting point	IS 548: Part 1: Sec 2: 2021
155.	Vegetable Oils	Phosphorus	AOCS Ca 12-55: 2017
156.		Broken fruits	IS 2322: 2023
157.	Chillies, whole	Colour (Visual)	IS 2322: 2023
158.		Fragments	IS 2322: 2023
159.		Free from mould, Insect, Rodent	IS 2322: 2023
160.	Chillies, whole	Marked fruits	IS 2322: 2023
161.		Odour and Flavour	IS 2322: 2023
162.		Unripe fruits	IS 2322: 2023
163.	Turmeric, coriander, red chili, fennel seed, black pepper, cumin, cloves, fenugreek, nigella seed, mustard seed, isabgol seed	Extraneous matter	IS 1797: 2017

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www.qai.org.in



14 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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	Food & Agricultural Products		
164.	Turmeric, coriander, whole or ground, chillies, whole or ground, fennel seed, black pepper, whole or ground, cumin, cloves, whole or powder, fenugreek, whole and ground, nigella seed, mustard seeds and powder, isabgol seed	Acid insoluble ash	IS 1797: 2017
165.		Alcohol soluble extract	IS 1797: 2017
166.		Cold water-soluble extract	IS 1797:2017
167.		Crude Fibre	IS 1797: 2017
168.		Non-volatile ether extract	IS 1797: 2017
169.		Total Ash	IS 1797: 2017
170.		Volatile oil	IS 1797: 2017
171.		Water insoluble ash	IS 1797: 2017
172.		Moisture content	IS 1797: 2017
173.	Dried Milk Products	Milk Protein (Milk Solids- Not-Fat Basis)	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.062 (Page No.173-174): 2022
174.	Condensed/ Evaporated Milk	Milk Solids	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.053 (Page No.149- 151): 2022
175.	Milk Powder (Whole, Skimmed, Partially Skimmed) Infant Milk Food, Infant Formula, Milk Cereal Weaning Food, Processed Cereal Based Weaning Food	Ash	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.064 (Page No. 177-179):2022
176.		Moisture	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.056

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15 of 23

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
			(Page No. 156-158): 2022
177.	Milk	Ash	IS 1479 (Part 2): 1961
178.		Crude Protein	IS 1479 (Part 2): 1961
179.		Fat	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.024 (Page No.63- 68): 2022
180.		Non-Protein Nitrogen	IS 1479 (Part 2): 1961
181.		pH	IS 1479 (Part 2): 1961
182.		Total Nitrogen	IS 1479 (Part 2): 1961
183.		True Protein	IS 1479 (Part 2): 1961
184.	Milk Powder (Whole, Skimmed, Partially Skimmed) Infant Milk Food, Infant Formula, Milk Cereal Weaning Food, Processed Cereal Based Weaning Food	Acid Insoluble Ash	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.065 (Page No.180- 182): 2022
185.		Crude Fibre	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.066 (Page No.183- 188): 2022
186.		Total carbohydrate	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.067 (Page No.189-190): 2022



Quality And Accreditation Institute

Centre for International Accreditation

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
187.	Whole milk powder	Fat	Manual of methods of analysis of foods Dairy and Dairy Products method No. FSSAI 01.058 (Page No.-161-163):2022
188.	Mustard seed, groundnut, soybean, cotton seed, sunflower seed, rapeseed, sesame seed, linseed, safflower seed, Castor seed	Acid value of the extracted oil	Annex c of IS 3579: 1966
189.	Mustard seed, groundnut, soybean, cotton seed, sunflower seed, rapeseed, sesame seed, linseed, safflower seed, Castor seed	Broken Kernels	CI 4 of IS 3579: 1966
190.		Damaged	CI 4 of IS 3579: 1966
191.		Impurities	CI 4 of IS 3579: 1966
192.		Moisture content	IS 3579: 1966
193.		Nooks	IS 3579: 1966
194.		Oil content	CI 5.2 of IS 3579: 1966
195.		Shrivelled or Immature	CI 4 of IS 3579: 1966
196.		Weevilled	CI 4 of IS3579: 1966
197.	Sesame Seed	Black Seed	SOP: QMS- PR-AGRI- LAB-TEC-006-1.0 (Effective date 1st June): 2018
198.		Black spotted seeds	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

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Valid until: 12 February 2027

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
199.	Sesame Seed	Blackish seeds	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
200.		Brown Seed	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
201.		Brownish seeds	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
202.		Dark coloured seeds	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
203.		Dehulled	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
204.		Objectionable material (Glass, metals, plastic, thread, stone etc.)	SOP: QMS- PR-AGRI- LAB-TEC-002 (Effective date: 1st June): 2018
205.		Other coloured seeds	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
206.		Presence of stone	SOP: QMS- PR-AGRI- LAB-TEC-002 (Effective date: 1st June): 2018
207.		Rain damaged seeds	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
208.		Slight discoloured seeds	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
209.		Unhulled	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
210.		White color seed	SOP: QMS- PR-AGRI- LAB-TEC-006

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www.qai.org.in



18 of 23

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

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Valid until: 12 February 2027

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
			(Effective date: 1st June): 2018
211.		Whitish seeds	SOP: QMS- PR-AGRI- LAB-TEC -006 (Effective date: 1st June): 2018
212.		Yellow Seed	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
213.		Yellowish seeds	SOP: QMS- PR-AGRI- LAB-TEC-006 (Effective date: 1st June): 2018
214.	Soya lecithin	Acetone insoluble matter	AOCS Ja 4-46: 2017
215.		Acid value	AOCS Ja 6-55: 2017
216.		Benzene insoluble matter	IS 5055 Annex E & Amnd 1: 1996
217.		Hexane insoluble matter	AOCS Ja 3-87: 2017
218.		Iodine value	AOCS Ja 14-91: 2017
219.		Moisture	AOCS Ja 2b- 87: 2017
220.		Moisture	IS 5055 Annex c: 1996
221.		Peroxide value	AOCS Ja 8-87:2017
222.		Toluene insoluble matter	ISO 28198:2018
223.		Viscosity	AOCS Ja 10-87: 2017
224.	Fennel seed, black pepper, cumin, cloves, fenugreek, nigella seed, mustard seed, isabgol seed	Splits	IS 1797: 2017
225.	Macaroni, spaghetti,	Acid insoluble ash (on dry basis)	IS 1485: 1993
226.	vermicelli, egg noodles	Free Acidity	IS 1485: 1993

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www.qai.org.in



19 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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Scope of Accreditation

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
227.		Moisture	IS 1485: 1993
228.		Total ash (on dry basis)	IS 1485: 1993
229.		Total Protein	IS 1485: 1993
230.		Total Solids in gruel	IS 1485: 1993
231.	Maize, Wheat, Chick peas, rice, barley, soyabean seed, sorghum, paddy, oats. Millets. bajra, red gram, Bengal gram, lentil, pea, mung, green gram	Immature seeds	IS 4333 (Part- 1): 2018
232.	Papad	Acid Insoluble Ash	IS 2639: 1999
233.		Alkalinity of ash as sodium carbonate	IS 2639: 1999
234.		Crude Fiber	IS 2639: 1999
235.		Fat	IS 2639: 1999
236.		Moisture	IS 2639: 1999
237.		Protein content	ISO 20483: 2013
238.		Total Ash	IS 2639: 1999
239.	Potato French Fries	Acid insoluble ash	IS 12569:1989
240.		Acid value of extracted fat	IS 12569:1989
241.		Fat	IS 12569:1989
242.		Moisture	IS 12569 :1989

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www.qai.org.in



20 of 23

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Cotecna Inspection India Private Limited

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Valid from: 13 February 2025

Valid until: 12 February 2027

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
243.		Peroxide value	IS 12569:1989
244.		Fat	IS 12566:1989
245.	Ready to eat extruded snacks	Moisture	IS 1011: 2002
246.		Peroxide value	IS 12566:1989
247.	Turmeric, coriander, Red chili, fennel seed, Black pepper, cumin, cloves, fenugreek, nigela seed, Mustard Seed, Isabgol seed	Damaged	IS 1797: 2017
248.		Discolored Seeds	IS 1797: 2017
249.		Shriveled	IS 1797: 2017
250.		Weevilled	IS 1797: 2017
251.	Sugar	Moisture	ICUMSA GS 2/1/3/9-15 (2007)
252.		Conductivity ash	ICUMSA GS2/3/9-17 (2011)
253.		Colour	ICUMSA GS/9/1/2/3-8 (2011)
254.	Maize	Fungus	QMS-PR-AGRI-LAB-TEC-002-1.0
255.		Maize shall be free from any colouring agent, moulds, live pests and obnoxious smell	QMS-PR-AGRI-LAB-TEC-002-1.0
256.	Guar seed	Whitish	QMS-PR-AGRI-LAB-TEC-002-1.0
257.	Guar Gum refined split	Residue insoluble in acid	IS 3988 - 2023
258.		Black, dark red and brown coloured splits	QMS-PR-AGRI-LAB-TEC-004-1.0:2018

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www.qai.org.in



21 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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Valid until: 12 February 2027

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Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
259.	Turmeric (unpolished turmeric fingers)	Through 14" Mesh	IS 1607 - 2013
260.		Through 20" Mesh	IS 1607 - 2013
261.		Inferior quality turmeric	QMS-PR-AGRI-LAB-TEC-007-1.1
262.		Finger that are broken /those less than 15 mm	QMS-PR-AGRI-LAB-TEC-007-1.1
263.		Fingers less than or equal to 3 cm in length	QMS-PR-AGRI-LAB-TEC-007-1.1
264.		Unboiled or less boiled turmeric	QMS-PR-AGRI-LAB-TEC-007-1.1
265.		Bulbs	QMS-PR-AGRI-LAB-TEC-007-1.1
266.		Turmeric should be free from fungus	QMS-PR-AGRI-LAB-TEC-002-1.0
267.		Turmeric should not be artificially colored with dyes or chemicals	QMS-PR-AGRI-LAB-TEC-002-1.0
268.		Seeds with stalks	QMS-PR-AGRI-LAB-TEC-007-1.2
269.	Jeera	Test weight (on count basis)	QMS-PR-AGRI-LAB-TEC-008-1.0
270.	Coriander	Coriander split (dal)	IS 2443: 2008
271.		Live infestation	QMS-PR-AGRI-LAB-TEC-002-1.0
272.	Vegetable oil	Iodine value	AOCS Cd 1d-92
273.		Saponification value	AOCS cd 3-25
274.		Refractive Index	AOCS Cc 7-25

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www.qai.org.in



22 of 23

Quality And Accreditation Institute

Centre for International Accreditation

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Food & Agricultural Products		
275.		Slip melting point	AOCS Cc 3-25
276.		Unsaponifiable value	AOCS ca 6a-40
277.		Sediment	AOCS ca 3d-02
278.		Wax content	QMS-PR-AGRI-LAB-TEC-011-1.0
279.		Density 30°C	AOCS Cc 10c-95
280.		DOBI	ISO 17932 :2012
281.		Appearance	QMS-PR-AGRI-LAB-TEC-002-1.0

