



INTERNATIONAL
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CERTIFICATE OF ACCREDITATION

This is to attest

TUV SUD SOUTH ASIA PVT LTD–BANGALORE

NO.-A.151, 2ND C MAIN, 2ND STAGE PEENYA INDUSTRIAL ESTATE
BANGALORE, KA, 560 058, INDIA

Testing Laboratory TL-1083

Part 5 of 9

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Expiry Date March 1, 2031

Effective Date August 26, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

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TUV SUD SOUTH ASIA PVT LTD–BANGALORE

www.tuvsud.com/in

Contact Name Mr. Arun George

Contact Phone + 91 9113898859

Accredited to ISO/IEC 17025:2017

Effective Date August 26, 2025

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Premixes	Vitamin A	LAB_P_SOP_224
		Vitamin B1(Thiamin)	LAB_P_SOP_272
		Vitamin B12 (Cyanocoblamine)	BLR_LAB_SOP_321
		Vitamin B12 (Cyanocoblamine)	LAB_P_SOP_272
		Vitamin B2 (Riboflavin)	LAB_P_SOP_272
	Snacks and Savouries	pH of water extract	LAB_P_SOP_441
	Eggs and Egg products	Phosphates	LAB_P_SOP_190
		Protein	LAB_P_SOP_339
		Sulphur Dioxide	AOAC 990.28 Chapter 47
		Total Solids	AOAC 925.30, Chapter 34
		Total sugar	AOAC 931.07, Chapter 34
		Ash	AOAC 920.153, Chapter 39
		Fat	AOAC 925.32, Chapter 34
		Nitrogen	AOAC 925.31, Chapter 34
		pH	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Protein	IS 7219
		Salt	AOAC 935.47, Chapter 39
		Sucrose	AOAC 931.07, Chapter 34
	Poultry & poultry products	Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Poultry & poultry products (cont'd.)	Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
	Starch & starch products	Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
	Sugar & sugar products	Calcium	Lab_P_SOP_416
		Copper	Lab_P_SOP_036
		Iron	Lab_P_SOP_416
		Iron	Lab_P_SOP_036
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_036
		Zinc	Lab_P_SOP_416
	Sugar, Sugar products and Syrups	Acid insoluble ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.4
		Acid insoluble ash	IS12923
		Added colouring matter	FSSAI manual for food additives 4.2
		Appearance	LAB_P_SOP_420
		Ash	IS12923
		Ash	IS 873
		Ash	ICUMSA 2/3-17

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Chemical -Food & Agricultural products (cont'd.)	Sugar, Sugar products and Syrups (cont'd.)	Assay	Food Chemicals Codex, 10th Edition
		Black Specs	LAB_P_SOP_467
		Calcium oxide	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 7.7
		Color (ICUMSA)	Food Chemicals Codex, 10th Edition
		Colour	IS 15279
		Colour	ICUMSA/9/1/2/3-8
		Conductivity Ash	IS 15279
		Conductivity Ash	ICUMSAGS2/3-17
		Conductivity of Ash	IS 1151
		D-glucose	IS 874
		Dextrose Equivalent / Reducing Sugar	IS 873
		Dirt	LAB_P_SOP_428
		Extraneous matter	IS12923
		Extraneous matter	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.2 2015
		Extraneous matter	LAB_P_SOP_431
		Filth	LAB_P_SOP_434
		Floc potential	ICUMSA GS2/3
		Floc potential	ICUMSA GS2/3
		Glucose	IS 874
		Grade of Sugar	IS 498
		Insoluble matter	IS 15279
		Invert Sugar	ICUMSA/GS2/3/9-5
		Iron filings	LAB_P_SOP_466
Loss on Drying	ICUMSA/GS2/1/3-5		

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Chemical -Food & Agricultural products (cont'd.)	Sugar, Sugar products and Syrups (cont'd.)	Loss on Drying	Food Chemicals Codex, 10th Edition
		Loss on Drying	IS 874
		Moisture	IS 873
		Moisture	IS 15279
		Moisture	IS12923
		Moisture	Test method FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.1
		Moisture	Test method FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.1
		Moisture	IS 874
		Optical rotation	Food Chemicals Codex, 10th Edition
		pH	IS 873
		Polarization	IS 15279
		Protein	IS 7219
		Protein	LAB_P_SOP_339
		Quaternary Ammonium Compounds (QAC)	LAB_P_SOP_468
		Reducing Sugar	IS 15279
		Reducing Sugar	IS12923
		Residue on ignition	Food Chemicals Codex, 10th Edition
		Sediment	ICUMSA GS2/3/9-19
		Specific Gravity	LAB_P_SOP_456
		Specific Rotation	IS 874
Starch	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 11		
Starch	IS 15279		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Sugar, Sugar products and Syrups (cont'd.)	Sucrose	IS 15279
		Sucrose	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 7.4
		Sucrose	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 7.4
		Sucrose	IS 12923
		Sulfur dioxide	AOAC 990.28 Chapter 47
		Sulfur dioxide	IS 15279
		Sulfur dioxide	ICUMSA/GS2/1/7-33GS 2/3- 35
		Sulfur dioxide	ICUMSA/GS2/1/7-33GS 2/3- 35
		Sulfur dioxide	FSSAI manual for Food Additives 2.5.3
		Sulfur dioxide	FSSAI manual for Food Additives 2.5.3
		Sulfur dioxide	AOAC 990.28 Chapter 47
		Sulphated ash	IS 874
		Sulphated ash	IS12923
		Sulphated ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 10
		Sulphated ash	IS 15279
		Sulphur dioxide	IS12923
		Total Ash	IS12923
		Total ash	AOAC 900.02, Chapter 44
		Total Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.3
		Total Solids	IS 874
Total Solids	IS 873		

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Chemical -Food & Agricultural products (cont'd.)	Sugar, Sugar products and Syrups (cont'd.)	Total Solids	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 12	
		Total starch and sucrose	IS 15279	
		Total Sugar	IS 12923	
		Water Insoluble matter	IS12923	
	Tea		Acid Insoluble Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.5
			Acid Insoluble Ash	AOAC 920.100 Chapter 30
			Added colour	FSSAI manual for Food Additives 4.2
			Added Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
			Alkalinity of Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.7 2
			Appearance/Description	LAB_P_SOP_420
			Aqueous extract	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.6
			Aqueous extract	AOAC 920.104 Chapter 30
			Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.3
			Ash	AOAC 920.100 Chapter 30
			Caffeine	LAB_P_SOP_215
			Caramel	FSSAI manual for Food Additives 4.2

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Tea (cont'd.)	Catechins	ISO 14065 (Part-II)
		Colour	LAB_P_SOP_425
		Crude fiber	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.8
		Deleterious substances	LAB_P_SOP_426
		Dirt	LAB_P_SOP_428
		Extract obtained by boiling dried tea (dried to constant at 180 C) with 100 parts of distilled water for one hour under reflux	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products
		Extraneous matter	LAB_P_SOP_431
		Filth	LAB_P_SOP_434
		Filth	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 13
		Flavour	LAB_P_SOP_332
		Husk	LAB_P_SOP_437
		Insect, Insect Fragments, Rodent hair, Larve and Insect Infestation and Fungal and Mould Infestation	LAB_P_SOP_420
		Insoluble Dietary Fiber	AOAC 991.43 Chapter 32
		Iron filings	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.9
		Moisture	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.2
		Moisture	AOAC 925.19 Chapter 30
Odour	LAB_P_SOP_440		

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Chemical -Food & Agricultural products (cont'd.)	Tea (cont'd.)	pH	LAB_P_SOP_441
		polyphenols	ISO 14502-1
		Protein	AOAC 920.103 Chapter 30
		Protein	LAB_P_SOP_339
		Rancidity or off odour	LAB_P_SOP_440
		Reducing Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
		Salt	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 4
		Soluble Dietary Fiber	AOAC 991.43 Chapter 32
		Starch	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 14
		Sulphite as Sulphur Dioxide	AOAC 990.28 Chapter 47
		Taste	LAB_P_SOP_447
		Texture	LAB_P_SOP_447
		Total catechins(Gallic Acid, (+)-Catechin, (-)-Epicatechin, (-)-Epigallocatechin, (-)-Epigallocatech ingallate, (-)-Epicatechingallate	IS 15344
		Total Dietary Fiber	AOAC 991.43 Chapter 32
		Total fat (Petroleum Ether Extract	AOAC 925.18 Chapter 30
		Total sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
Water Soluble Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Tea (cont'd.)		Sugar Products and Confectionery Products 5.4
		Water Soluble Ash	AOAC 920.100 Chapter 30
		Calcium	Lab_P_SOP_416
		Copper	Lab_P_SOP_036
		Iron	Lab_P_SOP_416
		Iron	Lab_P_SOP_036
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_316
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
		Zinc	Lab_P_SOP_036
		Vegetables & vegetable products	Calcium
	Iron		Lab_P_SOP_416
	Magnesium		Lab_P_SOP_416
	Phosphorous		Lab_P_SOP_316
	Potassium		Lab_P_SOP_416
	Sodium		Lab_P_SOP_416
	Zinc		Lab_P_SOP_416
	Acid Insoluble ash		FSSAI Method of Aanalysis of Fruit and Vegetables 17.4
	Acid Insoluble ash		IS 966
	Acidity		AOAC 942.15 chapter 37
	Acidity		FSSAI Method of Aanalysis of Fruit and Vegetables 2.4
	Added Colouring Matter		LAB_P_SOP_325
	Ash		IS 966
	Ash		AOAC 940.26 chapter 37
	Ash		FSSAI Method of Aanalysis of Fruit and Vegetables 11.3
	Ash		AOAC 925.51 chapter 42
	Blemished fruit pieces	LAB_P_SOP_237	

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Chemical -Food & Agricultural products (cont'd.)	Vegetables & vegetable products (cont'd.)	Brix	IS 13815
		Colour	LAB_P_SOP_425
		Crude Fibre	IS 10226 (Part II)
		Dietary Fibre	AOAC 985.29 chapter 45
		Drained Weight	AOAC 953.15 chapter 37
		Drained Weight	FSSAI Method of Aanalysis of Fruit and Vegetables 1.4
		Drained Weight	IS 2860
		Ethanol	LAB_P_SOP_457
		Extraneous Vegetable Matter	LAB_P_SOP_431
		Fat	IS 966
		Fat	AOAC 948.22 chapter 40
		Fill of the container	FSSAI Method of Aanalysis of Fruit and Vegetables 1.3
		Fill of the container	LAB_P_SOP_250
		Fill of the container	AOAC 953.14 chapter 37
		Flavour	LAB_P_SOP_440
		Free fatty acid	IS 966
		Fruit Content	FSSAI Method of Aanalysis of Fruit and Vegetables 2.11
		Fruit Content	LAB_P_SOP_244
		Head Space	IS 2860
		Insoluble Dietary Fiber	AOAC 985.29 chapter 45
		Insoluble Solids	AOAC 911.02 chapter 42
		Lycopene content	LAB_P_SOP_075
		Mineral Impurities	FSSAI Method of Aanalysis of Fruit and Vegetables 2.10
		Moisture	IS 966
		Moisture	FSSAI Method of Aanalysis of Fruit and Vegetables 4.1
		Moisture	AOAC 934.06 chapter 37
		Nitrogen	FSSAI Method of Aanalysis of Fruit and Vegetables 14.9
Patulin	AOAC 995.10, Chapter 49		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Vegetables & vegetable products (cont'd.)	Peel in suspension	LAB_P_SOP_237
		pH @25 degree C	IS 2860
		pH @25 degree C	FSSAI Method of Aanlysis of Fruit and Vegetables 2.3
		Presence of Peroxidase	FSSAI Method of Aanlysis of Fruit and Vegetables 17.5
		Protein	IS 7219
		Protein	IS 966
		Reducing Sugar	FSSAI Method of Aanlysis of Fruit and Vegetables 2.6
		Reducing Sugar	AOAC 925.36 chapter 37
		Salt	AOAC 939.10 chapter 42
		Salt	FSSAI Method of Aanlysis of Fruit and Vegetables 1.7
		Salt	AOAC 928.06 chapter 37
		Seed Material	LAB_P_SOP_237
		Soluble Dietary Fiber	AOAC 985.29 chapter 45
		Soluble solids	AOAC 940.31 chapter 42
		Specific Gravity	IS 2860
		Specific Gravity	LAB_P_SOP_023
		Starch	FSSAI Method of Aanlysis of Fruit and Vegetables 7.3
		Starch	AOAC 925.38 chapter 37
		Sucrose	FSSAI Method of Aanlysis of Fruit and Vegetables 2.6
		Sucrose	AOAC 925.35 chapter 37
		Sugar	AOAC 925.52 chapter 42
		Sulphites as Sulphur Dioxide	AOAC 990.28 chapter 47
		Sulphites as Sulphur Dioxide	LAB_P_SOP_452
		Sulphites as Sulphur Dioxide	Ranganna Hand book of Analysis 2005
		Sulphites as Sulphur Dioxide	FSSAI Method of Aanlysis of Fruit and Vegetables 17.7
		Texture	LAB_P_SOP_447
		Total Solids	AOAC 920.151 chapter 37

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Chemical -Food & Agricultural products (cont'd.)		Total Solids	AOAC 964.22 chapter 42
		Total Solids	FSSAI Method of Aanlysis of Fruit and Vegetables 2.1
		Total Soluble solids free of added salt	FSSAI Method of Aanlysis of Fruit and Vegetables 2.12
		Total Soluble Solids/Brix	FSSAI Method of Aanlysis of Fruit and Vegetables 1.6
		Total Soluble Solids/Brix	AOAC 932.12 chapter 37
		Total Sugar	FSSAI Method of Aanlysis of Fruit and Vegetables 2.6
		Vitamin C	LAB_P_SOP_064
		Water Insoluble Solids	AOAC 922.10 chapter 37
	Whey and whey products	Acid Insoluble Ash	IS 14433 (Part-I)
		Added Sugar/Sucrose	IS 4079
		Fat	FSSAI manual of Methods of Analysis of Milk and Milk products 16.3
		Insolubility index	IS 12759
		Lactose	IS 1479 (Part-II)
		Lactose	FSSAI manual of Methods of Analysis of Milk and Milk products 16.7
		Milk Fat	IS 11721
		Milk Protein	IS 7219
		Milk Protein	FSSAI manual of Methods of Analysis of Milk and Milk products 16.4
		Moisture	FSSAI manual of Methods of Analysis of Milk and Milk products 16.2
		Moisture	IS 11623
		pH	FSSAI manual of Methods of Analysis of Milk and Milk products 16.6
Protein	FSSAI manual of Milk and Milk products 10.6		
Scorched particles	IS 13500		
Titrateable Acidity	IS 11766		

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Chemical -Food & Agricultural products (cont'd.)	Whey and whey products (cont'd.)	Total Ash	IS 14433 (Part-I)
		Total Ash	FSSAI manual of Methods of Analysis of Milk and Milk products 16.5
	Dried fruit, Nuts and seeds	Acid Insoluble Ash	LAB_P_SOP_248
		Acid Insoluble ash	FSSAI Method of Aanalysis of Fruit and Vegetables 7.2
		Acidity of extracted fat	IS 10619
		Ash	AOAC 950.49 chapter 40
		Ash	LAB_P_SOP_421
		Blemished fruit pieces	LAB_P_SOP_237
		Broken fruits	LAB_P_SOP_237
		Colouring Matter	LAB_P_SOP_325
		Crude fat	AOAC 948.22 chapter 40
		Crude Fibre	AOAC 935.53 chapter 40
		Crude Protein	AOAC 950.48 chapter 40
		Damaged fruits	LAB_P_SOP_237
		Damaged kernel including slightly damaged kernel	LAB_P_SOP_237
		Damaged Raisins	LAB_P_SOP_237
		Damaged unit	LAB_P_SOP_237
		Dirty fruits	LAB_P_SOP_237
		Discoloured unit	LAB_P_SOP_237
		Empty Shells	LAB_P_SOP_237
		Extraneous matter	LAB_P_SOP_237
		Fat	IS 3579
		Immature fruits	LAB_P_SOP_237
		Insect damaged matter	LAB_P_SOP_237
		Moisture	IS 3579
		Moisture	AOAC 925.40 chapter 40
		Moisture	FSSAI Method of Analysis of Fruit and Vegetables 20.0
		Mouldy fruits	LAB_P_SOP_237
		Non edible seeds	LAB_P_SOP_237

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Chemical -Food & Agricultural products (cont'd.)	Dried fruit, Nuts and seeds (cont'd.)	Peroxide value of extracted fat	IS 15271
		Protein	LAB_P_SOP_339
		Salt	AOAC 950.52 chapter 40
		SLABs	LAB_P_SOP_237
		Sugared Raisins	LAB_P_SOP_237
		Unopened Shells	LAB_P_SOP_237
	Nuts & nut products	Calcium	Lab_P_SOP_416
		Copper	Lab_P_SOP_036
		Iron	Lab_P_SOP_036
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
		Zinc	Lab_P_SOP_036
	Oil seeds & by-products	Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
		Oil content	IS 3579
		Protein	IS 7219
		Starch content	FSSAI Manual Of Methods Of Analysis Of Spices and Condiments 16.5
	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products	Betanin	FSSAI Method of Aanlysis of Food Additives 4.1.6

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Fortified Processed Foods	Cyanocobalamine or Hydroxycobalamine (Vitamin B12)	BLR_LAB_SOP_321
		Folic acid (Vitamin B9)	BLR_LAB_SOP_320
		Niacin(Vitamin B3)	LAB_P_SOP_272
		Pyridoxine(Vitamin B6)	LAB_P_SOP_272
		Riboflavin (Vitamin B2)-	LAB_P_SOP_272
		Thiamine (Vitamin B1)	LAB_P_SOP_272
		Vitamin A	LAB_P_SOP_224
		Vitamin A	LAB_P_SOP_182
	Premixes Premixes (cont'd.)	Alanine	LAB_P_SOP_313
		Arginine	LAB_P_SOP_313
		Ascorbic Acid (Vitmain C)	LAB_P_SOP_223
		Ascorbic Acid (Vitmain C)	LAB_P_SOP_064
		Aspartic Acid	LAB_P_SOP_313
		Choline	LAB_P_SOP_459
		Cystine	LAB_P_SOP_313
		Glutamic Acid	LAB_P_SOP_313
		Glycine	LAB_P_SOP_313
		Histidine	LAB_P_SOP_313
		Isoleucine	LAB_P_SOP_313
		Leucine	LAB_P_SOP_313
		Lysine	LAB_P_SOP_313
		Methionine	LAB_P_SOP_313
		Phenylalanine	LAB_P_SOP_313
		Proline	LAB_P_SOP_313
		Serin	LAB_P_SOP_313
		Taurine	LAB_P_SOP_286
		Theronine	LAB_P_SOP_313
		Tryptophan	LAB_P_SOP_313
Tyrosine	LAB_P_SOP_313		
Valine	LAB_P_SOP_313		

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Chemical -Food & Agricultural products (cont'd.)	Premixes (cont'd.)	Vitamin B1(Thiamin)	LAB_P_SOP_180
		Vitamin B12 (Cyanocoblamine)	LAB_P_SOP_180
		Vitamin B2 (Riboflavin)	LAB_P_SOP_180
		Vitamin B3 (Niacinamide & Nicotinic Acid)	LAB_P_SOP_272
		Vitamin B3 (Niacinamide & Nicotinic Acid)	LAB_P_SOP_180
		Vitamin B5 (Pantothenic acid)	LAB_P_SOP_272
		Vitamin B5 (Pantothenic acid)	LAB_P_SOP_180
		Vitamin B6 (Pyridoxine)	LAB_P_SOP_180
		Vitamin B6 (Pyridoxine)	LAB_P_SOP_272
		Vitamin B7 (Biotin)	LAB_P_SOP_180
		Vitamin B7 (Biotin)	BLR_LAB_SOP_319
		Vitamin B7 (Biotin)	LAB_P_SOP_272
		Vitamin B9 (Folic acid)	BLR_LAB_SOP_320
		Vitamin B9 (Folic acid)	LAB_P_SOP_272
		Vitamin B9 (Folic acid)	LAB_P_SOP_180
		Vitamin D (Ergocalciferol & Cholecalciferol)	AOAC 2016.05, Chapter 50
		Vitamin D (Ergocalciferol & Cholecalciferol)	LAB_P_SOP_182
		Vitamin E	LAB_P_SOP_224
		Vitamin K (Phytonadione, Menaquinone)	LAB_P_SOP_365
	Vitamin K3 (Menadione)	LAB_P_SOP_365	
	Prepared Foods or Dishes	Acid Insoluble Ash	LAB_P_SOP_248
		Added Sugar as Sucrose	FSSAI Manual of Methods of Analysis of Fruit and Vegetbale products 2.6 2006
		Ash	LAB_P_SOP_421
		Moistue	LAB_P_SOP_247
		Protein	IS 7219
		Protein	LAB_P_SOP_339

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes (cont'd.)	Salt as NaCl	FSSAI Manual of Methods of Analysis of Fruit and Vegetbale products 12.1
		Total Sugar	FSSAI Manual of Methods of Analysis of Fruit and Vegetbale products 2.6
Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products	Deoxynivalenol (DON)	LAB_P_SOP_454
		Gluten	LAB_P_SOP_336
		Vitamin A	LAB_P_SOP_224
		Zearalenone	BLR_LAB_SOP_337
		Acesulfame	LAB_P_SOP_193
		Added Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
		Added Sugar as Sucrose	FSSAI Manual of Methods of Analysis of Fruit and Vegetbale products 2.6 2006
		Agaric Acid	LAB_P_SOP_458
		Alanine	LAB_P_SOP_313
		Annatto	FSSAI Method of Aanlysis of Food Additives 4.1.4
		Appearance	LAB_P_SOP_420
		Arachidic Acid (C20:0)	AOAC 996.06, Chapter 41
		Arachidonic Acid (C20:4n6)	AOAC 996.06, Chapter 41
		Arginine	LAB_P_SOP_313
		Ascorbic Acid (Vitmain C)	LAB_P_SOP_223
		Ascorbic Acid (Vitmain C)	LAB_P_SOP_064
		Ash	LAB_P_SOP_421
		Aspartame	LAB_P_SOP_193
		Aspartic Acid	LAB_P_SOP_313
		Behenic Acid (C22:0)	AOAC 996.06, Chapter 41
Benzoates	LAB_P_SOP_183		
Benzoyl Peroxide	BLR_LAB_SOP_328		
Brilliant blue FCF	LAB_P_SOP_181		

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Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products (cont'd.)	Bulk Density	LAB_P_SOP_016
		Butylated hydroxyanisole (BHA)	BLR_LAB_SOP_333
		Butylated hydroxyanisole (BHA)	AOAC 983.15, chapter 47
		Butylated hydroxytoluene (BHT)	BLR_LAB_SOP_333
		Butylated hydroxytoluene (BHT)	AOAC 983.15, chapter 47
		Butyric Acid (C4:0)	AOAC 996.06, Chapter 41
		Caffeine	LAB_P_SOP_215
		Calcium Propionate	LAB_P_SOP_469
		Capric Acid (C10:0)	AOAC 996.06, Chapter 41
		Caproic Acid (C6:0)	AOAC 996.06, Chapter 41
		Caprylic Acid (C8:0)	AOAC 996.06, Chapter 41
		Caramel color	FSSAI Method of Analysis of Food Additives 4.1.1
		Carbohydrate	IS 1656
		Carbohydrate	FSSAI manual of Methods of Analysis of Milk and Milk products 10.5
		Carmoisine	LAB_P_SOP_181
		Chlorophyll	FSSAI Method of Analysis of Food Additives 4.1.5
		Cholesterol	LAB_P_SOP_230
		Cholesterol	LAB_P_SOP_230
		Cholesterol	AOAC 994.10, Chapter 45
		Choline	LAB_P_SOP_459
		cis-10-Heptadecanoic Acid (C17:1)	AOAC 996.06, Chapter 41
		cis-10-Pentadecanoic Acid (C15:1)	AOAC 996.06, Chapter 41
		cis-11,14,17-Eicosatrienoic Acid (C20:3n3)	AOAC 996.06, Chapter 41
		cis-11,14-Eicosadienoic Acid (C20:2)	AOAC 996.06, Chapter 41
		cis-11-Eicosenoic Acid (C20:1)	AOAC 996.06, Chapter 41

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Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products (cont'd.)	cis-13,16-Docosadienoic Acid (C22:2)	AOAC 996.06, Chapter 41
		cis-4,7,10,13,16,19-Docosahexaenoic Acid (C22:6n3)	AOAC 996.06, Chapter 41
		cis-5,8,11,14,17-Eicosapentaenoic Acid (C20:5n3)	AOAC 996.06, Chapter 41
		cis-8,11,14-Eicosatrienoic Acid (C20:3n6)	AOAC 996.06, Chapter 41
		Citric acid	LAB_P_SOP_470
		Colour	LAB_P_SOP_425
		Crude fiber	IS 10226 Part 1
		Cystine	LAB_P_SOP_313
		Elaidic Acid (C18:1n9t)	AOAC 996.06, Chapter 41
		Energy	LAB_P_SOP_239
		Energy from Fat	LAB_P_SOP_239
		Erucic Acid (C22:1n9)	AOAC 996.06, Chapter 41
		Erythrosine	LAB_P_SOP_181
		Fast green FCF	LAB_P_SOP_181
		Fat	LAB_P_SOP_073

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Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products (cont'd.)		
	Bakery & confectionery products	Calcium	Lab_P_SOP_416
		Copper	Lab_P_SOP_036
		Iodine	Lab_P_SOP_221
		Iron	Lab_P_SOP_416
		Iron	Lab_P_SOP_036
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
	Zinc	Lab_P_SOP_036	
	Bakery products	Acid Insoluble Ash	IS 12711
		Acid Insoluble Ash	FSSAI manual for Analysis of Cereals and Cereal products 14.4
		Acid Insoluble Ash	FSSAI manual for Analysis of Cereals and Cereal products 15.4
		Acidity	LAB_P_SOP_417
		Acidity of Extracted Fat As oleic Acid	IS 12711
		Acidity of Extracted Fat As oleic Acid	FSSAI manual for Analysis of Cereals and Cereal products 14.5
		Added colour	FSSAI manual for Food Additives 4.2
		Added Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
Alcoholic Acidity	IS 12711		

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Chemical -Food & Agricultural products (cont'd.)	Bakery products (cont'd.)	Annatto	FSSAI manual for Food Additives 4.3
		Appearance	LAB_P_SOP_420
		Ash	FSSAI manual for Analysis of Cereals and Cereal products 14.4
		Ash	FSSAI manual for Analysis of Cereals and Cereal products 15.4
		Ash	IS 12711
		Benzoyl Peroxide	LAB_P_SOP_328
		Betainin	FSSAI manual for Food Additives 4.5
		Caramel	FSSAI manual for Food Additives 4.2
		Chlorophyll	FSSAI manual for Food Additives 4.4
		Colour	LAB_P_SOP_425
		Crude fiber	AOAC 950.37 Chapter 32
		Crude fiber	IS 12711
		Deleterious substances	LAB_P_SOP_426
		Dirt	LAB_P_SOP_428
		Extraneous matter	LAB_P_SOP_431
		Fat	IS 12711
		Fat	AOAC 935.38 Chapter 32
		Filth	LAB_P_SOP_434
		Filth	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 13
		Flavour	LAB_P_SOP_332
Insect, Insect Fragments, Rodent hair, Larve and Insect Infestation and Fungal and Mould Infestation	LAB_P_SOP_420		
Insoluble Dietary Fiber	AOAC 991.43 Chapter 32		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Bakery products (cont'd.)	Moisture	IS 12711
		Moisture	FSSAI manual for Analysis of Cereals and Cereal products 14.3
		Moisture	FSSAI manual for Analysis of Cereals and Cereal products 15.2
		Peroxide value of extracted fat	IS 12711
		pH of Aqueous Extract	AOAC 945.42 Chapter 32
		pH of Aqueous Extract	IS 12711
		Protein	LAB_P_SOP_339
		Protein	AOAC 950.36 Chapter 32
		Protein	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A7
		Rancidity or off odour	LAB_P_SOP_440
		Reducing Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
		Salt	AOAC 930.23 Chapter 32
		Salt	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 4
		Soluble Dietary Fiber	AOAC 991.43 Chapter 32
		Starch	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 11.0
		Sulphite as Sulphur Di oxide	FAASI manual for Food Additives 2.5.3
Sulphite as Sulphur Di oxide	AOAC 990.28 Chapter 47		
Taste	LAB_P_SOP_447		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE	
Chemical -Food & Agricultural products (cont'd.)	Bakery products (cont'd.)	Texture	LAB_P_SOP_447	
		Total Dietary Fiber	AOAC 991.43 Chapter 32	
		Total solids	IS 12711	
		Total solids	AOAC 935.36 Chapter 32	
		Total sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10	
	Bread, Bun, Cakes	Benzoyl Peroxide	LAB_P_SOP_328	
	Chewing gum	Acid Insoluble Ash		FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B3
				IS 6287
		Acidity	LAB_P_SOP_417	
		Added colour	FSSAI manual for Food Additives 4.2 2016	
		Added Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B 9	
		Appearance	LAB_P_SOP_420	
		Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B3	
		Ash	IS 6287	
		Caramel	FSSAI manual for Food Additives 4.2	
		Colour	LAB_P_SOP_425	
	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products	Filth (Heavy/Light)	FSSAI Manual of Analysis of Cereal and Cereal Products 1.1	
		Flavour	LAB_P_SOP_332	
		Free fatty acids	IS 548 Part 1	
		Gama()Linolenic Acid (C18:3n6)	AOAC 996.06, Chapter 41	

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Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products (cont'd.)	Glutamic Acid	LAB_P_SOP_313
		Glycine	LAB_P_SOP_313
		Heneicosanoic Acid (C21:0)	AOAC 996.06, Chapter 41
		Heptadecanoic Acid (C17:0)	AOAC 996.06, Chapter 41
		Histidine	LAB_P_SOP_313
		Hydrocyanic acid	AOAC 915.03, Chapter 20
		Hydroxy methyl Furfural	LAB_P_SOP_338
		Hypericine	LAB_P_SOP_458
		Indigo carmine	LAB_P_SOP_181
		Insoluble Dietary Fiber	AOAC 991.43 Chapter 32
		Isoleucine	LAB_P_SOP_313
		Lauric Acid (C12:0)	AOAC 996.06, Chapter 41
		Leucine	LAB_P_SOP_313
		Lignoceric Acid (C24:0)	AOAC 996.06, Chapter 41
		Linoleic Acid (C18:2n6c)	AOAC 996.06, Chapter 41
		Linolelaidic Acid(C18:2n6t)	AOAC 996.06, Chapter 41
		Linolenic Acid (C18:3n3)	AOAC 996.06, Chapter 41
		Lysine	LAB_P_SOP_313
		Methionine	LAB_P_SOP_313
		Mono-UnSaturated Fatty Acids(MUFA)	AOAC 996.06, Chapter 41
		Myristic Acid (C14:0)	AOAC 996.06, Chapter 41
		Myristoleic Acid (C14:1)	AOAC 996.06, Chapter 41
		Nervonic Acid (C24:1)	AOAC 996.06, Chapter 41
		Oleic Acid (C18:1n9c)	AOAC 996.06, Chapter 41
		Omega 3 Fatty Acids	AOAC 996.06, Chapter 41
		Omega 6 Fatty Acids	AOAC 996.06, Chapter 41
		Omega 9 Fatty Acids	AOAC 996.06, Chapter 41
		Palmitic Acid (C16:0)	AOAC 996.06, Chapter 41
		Palmitoleic Acid (C16:1)	AOAC 996.06, Chapter 41
		Patulin	AOAC 995.10, Chapter 49

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Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products (cont'd.)	Pentadecanoic Acid (C15:0)	AOAC 996.06, Chapter 41	
		Peroxide Value	IS 548 Part 1	
		pH	LAB_P_SOP_441	
	Chewing gum		Deleterious substances	LAB_P_SOP_426
			Dirt	LAB_P_SOP_428
			Extraneous matter	LAB_P_SOP_431
			Fat	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B11
			Fat	IS 6287
			Filth	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 13
			Filth	LAB_P_SOP_420
			Flavour	LAB_P_SOP_332
			Gum content	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B7
			Gum content	IS 6747
			Insect, Insect Fragments, Rodent hair, Larve and Insect Infestation and Fungal and Mould Infestation	LAB_P_SOP_420
			Moisture	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B2
			Moisture	IS 6287
			Odour	LAB_P_SOP_440
	pH of Aqueous Extract	LAB_P_SOP_441		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
	Chewing gum (cont'd.)	Protein	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B10
		Protein	IS 6287
		Reducing Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B 8
		salt	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 4
		Sulfated Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B4
		Sulfated Ash	IS 6287
		Sulphite as Sulphur Dioxide	FAASI manual for Food Additives 2.5.3
		Sulphite as Sulphur Dioxide	AOAC 990.28 Chapter 47
		Taste	LAB_P_SOP_447
		Texture	LAB_P_SOP_447
		Total solids	LAB_P_SOP_449
		Total Soluble Solids	IS 13815
		Total sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products B 8

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Cocoa products and chocolate products	Acid Insoluble Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 6
		Acid Insoluble Ash	IS 1163
		Acidity	LAB_P_SOP_417
		Added colour	FSSAI manual for Food Additives 4.2
		Added Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 10
		Appearance	LAB_P_SOP_420
		Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 6
		Ash	IS 1163
		Caramel	FSSAI manual for Food Additives 4.2
		Chlorophyll	FSSAI manual for Food Additives 4.4
		Coco Solids	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 8
		Colour	LAB_P_SOP_425
		Crude fiber	IS 1483
		Deleterious substances	LAB_P_SOP_426

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Cocoa products and chocolate products (cont'd.)	Dirt	LAB_P_SOP_428
		Extraneous matter	LAB_P_SOP_420
		Fat	AOAC 963.15 Chapter 31
		Fat	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 3
		Fat	IS 1163
		Filth	LAB_P_SOP_434
		Filth	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 13
		Flavour	LAB_P_SOP_332
		Insect, Insect Fragments, Rodent hair, Larve and Insect Infestation and Fungal and Mould Infestation	LAB_P_SOP_420
		Insoluble Dietary Fiber	AOAC 991.43 Chapter 32
		Milk Fat	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 7
		Milk Fat	IS 1163
		Milk Solids	IS 1163
		Moisture	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 2 2015
		Moisture	IS 1163
		Peroxide value of extracted fat	IS 12711
		pH of Aqueous Extract	LAB_P_SOP_441
Protein	AOAC 939.02 Chapter 31		

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Chemical -Food & Agricultural products (cont'd.)	Cocoa products and chocolate products (cont'd.)	Protein	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 13
		Rancidity	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 5
		Rancidity or off odour	LAB_P_SOP_440
		Reducing Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 9
		Salt	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 4
		Soluble Dietary Fiber	AOAC 991.43 Chapter 32
		Starch	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 11.0
		Sulphite as Sulphur Di oxide	FSSAI manual for Food Additives 2.5.3
		Sulphite as Sulphur Di oxide	AOAC 990.28 Chapter 47
	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products	Phenylalanine	LAB_P_SOP_313
		Poly-UnSaturated Fatty Acids(PUFA)	AOAC 996.06, Chapter 41
		Ponceau 4R	LAB_P_SOP_181
		Proline	LAB_P_SOP_313
		Protein	IS 7219
		Protein	LAB_P_SOP_339
		Rancidity	BLR_LAB_SOP_328
		Reducing Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and

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Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products (cont'd.)		Sugar Products and Confectionery Products A 10
		Saccharin	LAB_P_SOP_193
		Saffrole	LAB_P_SOP_458
		Salt as NaCl	FSSAI Manual of Methods of Analysis of Fruit and Vegetbale products 12.1
		Saturated Fatty Acids	AOAC 996.06, Chapter 41
		Serin	LAB_P_SOP_313
		Soda Content	LAB_P_SOP_077
		Soluble Dietary Fiber	AOAC 991.43 Chapter 32
		Sorbates	LAB_P_SOP_183
		Specific Gravity	LAB_P_SOP_023
		Starch	IS 4706 (Part-II)
		Starch	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 11.0
		Stearic Acid (C18:0)	AOAC 996.06, Chapter 41
		Sulphites	AOAC 990.28 Chapter 47
		Tartrazine	LAB_P_SOP_181
		Taste	LAB_P_SOP_447
		Taurine	LAB_P_SOP_286
		Theronine	LAB_P_SOP_313
		Total Dietary Fiber	AOAC 991.43 Chapter 32
		Total Phosphorus	LAB_P_SOP_190
		Total Sugar	FSSAI Manual of Methods of Analysis of Fruit and Vegetbale products 2.6
		Total sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
		Trans Fatty Acids	AOAC 996.06, Chapter 41
Tricosanoic Acid (C23:0)	AOAC 996.06, Chapter 41		

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Chemical -Food & Agricultural products (cont'd.)	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products (cont'd.)	Tridecanoic Acid (C13:0)	AOAC 996.06, Chapter 41		
		Tryptophan	LAB_P_SOP_313		
		Tyrosine	LAB_P_SOP_313		
		Undecanoic Acid (C11:0)	AOAC 996.06, Chapter 41		
		Uric acid	LAB_P_SOP_270		
		Valine	LAB_P_SOP_313		
		Vitamin A	LAB_P_SOP_182		
		Vitamin B1(Thiamin)	LAB_P_SOP_272		
		Vitamin B12 (Cyanocoblamine)	LAB_P_SOP_272		
		Vitamin B12 (Cyanocoblamine)	BLR_LAB_SOP_321		
		Vitamin B2 (Riboflavin)	LAB_P_SOP_272		
		Vitamin B3 (Niacinamide & Nicotinic Acid)	LAB_P_SOP_272		
		Vitamin B5 (Pantothenic acid)	LAB_P_SOP_272		
		Vitamin B6 (Pyridoxine)	LAB_P_SOP_272		
		Vitamin B7 (Biotin)	LAB_P_SOP_272		
		Vitamin B7 (Biotin)	BLR_LAB_SOP_319		
		Vitamin B9 (Folic acid)	BLR_LAB_SOP_320		
		Vitamin B9 (Folic acid)	LAB_P_SOP_272		
		Vitamin D	AOAC 2016.05, Chapter 50		
		Vitamin D (Ergocalciferol & Cholecalciferol)	LAB_P_SOP_182		
		Vitamin E	LAB_P_SOP_224		
		Vitamin K (Phytonadione, Menaquinone)	LAB_P_SOP_365		
		Vitamin K3 (Menadione)	LAB_P_SOP_365		
		Water Activity @25°C	LAB_P_SOP_300		
		Texture	LAB_P_SOP_447		
		Premixes		Vitamin A	LAB_P_SOP_224
				Vitamin B1(Thiamin)	LAB_P_SOP_272
				Vitamin B12 (Cyanocoblamine)	BLR_LAB_SOP_321

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Premixes (cont'd.)	Vitamin B12 (Cyanocoblamine)	LAB_P_SOP_272
		Vitamin B2 (Riboflavin)	LAB_P_SOP_272
	Snacks and Savouries	pH of water extract	LAB_P_SOP_441
	Eggs and Egg products	Phosphates	LAB_P_SOP_190
	Cocoa products and chocolate products	Taste	LAB_P_SOP_447
		Texture	LAB_P_SOP_447
		Total Dietary Fiber	AOAC 991.43 Chapter 32
		Total solids	LAB_P_SOP_449
		Total Soluble Solids	IS 3815
		Total sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products C 10
	Hard and Soft boiled confectioneries	Acid Insoluble Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A5
		Acid Insoluble Ash	IS 6287
	Eggs and Egg products	Protein	BLR_LAB_SOP_339
		Sulphur Dioxide	AOAC 990.28 Chapter 47
		Total Solids	AOAC 925.30, Chapter 34
		Total sugar	AOAC 931.07, Chapter 34
		Ash	AOAC 920.153, Chapter 39
		Fat	AOAC 925.32, Chapter 34
		Nitrogen	AOAC 925.31, Chapter 34
		pH	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Protein	IS 7219
		Salt	AOAC 935.47, Chapter 39
	Sucrose	AOAC 931.07, Chapter 34	

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Poultry & poultry products	Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
	Starch & starch products	Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
	Sugar & sugar products	Calcium	Lab_P_SOP_416
		Copper	Lab_P_SOP_036
		Iron	Lab_P_SOP_416
		Iron	Lab_P_SOP_036
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_036
	Hard and Soft boiled confectioneries	Acidity	LAB_P_SOP_417
		Added colour	FSSAI manual for Food Additives 4.2
		Added colour	FSSAI manual for Food Additives 4.2
		Added Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
		Appearance	LAB_P_SOP_420

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Hard and Soft boiled confectioneries (cont'd.)	Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A5
		Ash	IS 6287
		Caramel	FSSAI manual for Food Additives 4.2
	Sugar & sugar products	Zinc	Lab_P_SOP_416
	Sugar, Sugar products and Syrups	Acid insoluble ash	IS12923
		Acid insoluble ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.4
		Added colouring matter	FSSAI manual for food additives 4.2
		Appearance	LAB_P_SOP_420
		Ash	IS12923
		Ash	IS 873
		Ash	ICUMSA 2/3-17
		Assay	Food Chemicals Codex, 10th Edition
		Black Specs	LAB_P_SOP_467
		Calcium oxide	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 7.7
		Color (ICUMSA)	Food Chemicals Codex, 10th Edition
		Colour	IS 15279
		Colour	ICUMSA/9/1/2/3-8
		Conductivity Ash	ICUMSAGS2/3-17
		Conductivity Ash	IS 15279
		Conductivity of Ash	IS 1151
D-glucose		IS 874	

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Sugar, Sugar products and Syrups (cont'd.)	Dextrose Equivalent / Reducing Sugar	IS 873
		Dirt	LAB_P_SOP_428
		Extraneous matter	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.2 2015
		Extraneous matter	IS12923
		Extraneous matter	LAB_P_SOP_431
		Filth	LAB_P_SOP_434
		Floc potential	ICUMSA GS2/3
		Floc potential	ICUMSA GS2/3
		Glucose	IS 874
		Grade of Sugar	IS 498
		Insoluble matter	IS 15279
		Invert Sugar	ICUMSA/GS2/3/9-5
		Iron filings	LAB_P_SOP_466
		Loss on Drying	Food Chemicals Codex, 10th Edition
		Loss on Drying	ICUMSA/GS2/1/3-5
		Loss on Drying	IS 874
		Moisture	IS 873
		Moisture	IS 874
		Moisture	Test method FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.1
		Moisture	IS 15279
		Moisture	Test method FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.1
		Moisture	IS12923
			Colour

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Hard and Soft boiled confectioneries	Deleterious substances	LAB_P_SOP_426
		Dirt	LAB_P_SOP_428
		Extraneous matter	LAB_P_SOP_431
		Fat	IS 6287
		Fat	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A8
		Filth	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 13
		Filth	LAB_P_SOP_434
		Flavour	LAB_P_SOP_332
		Flavour	LAB_P_SOP_332
		Insect, Insect Fragments, Rodent hair, Larve and Insect Infestation and Fungal and Mould Infestation	LAB_P_SOP_420
		Moisture	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A2
		Moisture	IS 6287
		Odour	LAB_P_SOP_440
		pH of Aqueous extract	LAB_P_SOP_441
	Sugar, Sugar products and Syrups	Optical rotation	Food Chemicals Codex, 10th Edition
		pH	IS 873
		Polarization	IS 15279
		Protein	IS 7219
		Protein	LAB_P_SOP_339
		Quaternary Ammonium Compounds (QAC)	LAB_P_SOP_468
Reducing Sugar	IS 15279		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)		Reducing Sugar	IS12923
	Hard and Soft boiled confectioneries	Protein	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A7
		Protein	IS 6287
		Rancidity or off odour	LAB_P_SOP_440
		Reducing Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
		Salt	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 4
		Starch	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 11.0
		Sulfated Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A3
	Sugar, Sugar products and Syrups	Residue on ignition	Food Chemicals Codex, 10th Edition
		Sediment	ICUMSA GS2/3/9-19
		Specific Gravity	LAB_P_SOP_456
		Specific Rotation	IS 874
		Starch	IS 15279
		Starch	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 11
		Sucrose	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and

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Chemical -Food & Agricultural products (cont'd.)	Sugar, Sugar products and Syrups (cont'd.)		Sugar Products and Confectionery Products 7.4
		Sucrose	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 7.4
	Hard and Soft boiled confectioneries	Sulfated Ash	IS 6287
		Sulfated Ash salt free basis	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A4
		Sulphite as Sulphur Di oxide	AOAC 990.28 Chapter 47
		Sulphite as Sulphur Di oxide	FSSAI manual for Food Additives 2.5.3
		Taste	LAB_P_SOP_447
		Texture	LAB_P_SOP_447
		Total solids	LAB_P_SOP_449
		Total Soluble Solids	IS 13815
		Total sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10 2
		Toppings and sweet sauces	Acid Insoluble Ash
	Added colour		FSSAI manual for Food Additives 4.2
	Added Sugar		FSSAI manual of Fruit and Vegetables 2.6
	Appearance		LAB_P_SOP_420
	Ash		LAB_P_SOP_421
	Caramel		FSSAI manual for Food Additives 4.2
	Colour		LAB_P_SOP_425
	Sugar, Sugar products and Syrups	Sucrose	IS 15279
		Sucrose	IS 12923
		Colour	LAB_P_SOP_425

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Toppings and sweet sauces	Consistency	LAB_P_SOP_447
		Deleterious substances	LAB_P_SOP_426
		Dirt	LAB_P_SOP_428
		Extraneous matter	LAB_P_SOP_431
		Fat	IS 9038
		Fill of Container	FSSAI manual of Fruit and Vegetables 1.3
		Filth	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 13
		Filth	LAB_P_SOP_434
		Flavour	LAB_P_SOP_332
		Flavour	LAB_P_SOP_332
		Insect, Insect Fragments, Rodent hair, Larve and Insect Infestation and Fungal and Mould Infestation	LAB_P_SOP_420
		Insoluble Dietary Fiber	AOAC 991.43 Chapter 32
		Moisture	LAB_P_SOP_427
		Odour	LAB_P_SOP_440
	Sugar, Sugar products and Syrups	Sulfur dioxide	FSSAI manual for Food Additives 2.5.3
		Sulphated ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 10
		Sulphated ash	IS 874
		Sulphated ash	IS12923
		Sulphated ash	IS 15279
		Sulphur dioxide	IS12923
		Total Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 9.3

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Sugar, Sugar products and Syrups (cont'd.)	Total Ash	IS12923
		Total ash	AOAC 900.02, Chapter 44
		Total Solids	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 12
		Total Solids	IS 873
		Total Solids	IS 874
		Total starch and sucrose	IS 15279
		Total Sugar	IS 12923
		Water Insoluble matter	IS12923
	Tea	Acid Insoluble Ash	AOAC 920.100 Chapter 30
		Acid Insoluble Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.5
		Added colour	FSSAI manual for Food Additives 4.2
		Added Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
		Alkalinity of Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.7 2
		Appearance/Description	LAB_P_SOP_420
		Aqueous extract	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.6
		Aqueous extract	AOAC 920.104 Chapter 30
		Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and

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Chemical -Food & Agricultural products (cont'd.)	Tea (cont'd.)		Sugar Products and Confectionery Products 5.3
		Ash	AOAC 920.100 Chapter 30
		Caffeine	LAB_P_SOP_215
		Caramel	FSSAI manual for Food Additives 4.2
		Catechins	ISO 14065 (Part-II)
		Colour	LAB_P_SOP_425
		Crude fiber	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.8
	Toppings and sweet sauces	Peroxide value	IS 15271
		pH	FSSAI manual of Fruit and Vegetables 2.3
		Protein	AOAC 920.152 Chapter 37
		Rancidity or off odour	LAB_P_SOP_440
		Reducing Sugar	FSSAI manual of Fruit and Vegetables 2.6
		Salt	FSSAI manual of Fruit and Vegetables 1.7
		Soluble Dietary Fiber	AOAC 991.43 Chapter 32
		Sulphite as Sulphur Di oxide	AOAC 990.28 Chapter 47
	Tea	Deleterious substances	LAB_P_SOP_426
		Dirt	LAB_P_SOP_428
		Extract obtained by boiling dried tea (dried to constant at 180 C) with 100 parts of distilled water for one hour under reflux	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products
		Extraneous matter	LAB_P_SOP_431
		Filth	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 13
		Filth	LAB_P_SOP_434
		Filth	LAB_P_SOP_434

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE	
Chemical -Food & Agricultural products (cont'd.)	Tea (cont'd)	Flavour	LAB_P_SOP_332	
		Husk	LAB_P_SOP_437	
	Toppings and sweet sauces	Sulphite as Sulphur Di oxide	FAASI manual for Food Additives 2.5.3	
		Taste	LAB_P_SOP_447	
		Texture	LAB_P_SOP_447	
		Titrateable Acidity	FSSAI manual of Fruit and Vegetables 12.2	
		Total Acidity	FSSAI manual of Fruit and Vegetables 2.4	
		Total Dietary Fiber	AOAC 991.43 Chapter 32	
		Total solids	AOAC 920.151 Chapter 37	
		Total solids	FSSAI manual of Fruit and Vegetables 2.1	
		Tea	Insect, Insect Fragments, Rodent hair, Larve and Insect Infestation and Fungal and Mould Infestation	LAB_P_SOP_420
	Insoluble Dietary Fiber		AOAC 991.43 Chapter 32	
	Iron filings		FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.9	
	Moisture		AOAC 925.19 Chapter 30	
	Moisture		FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.2	
	Odour		LAB_P_SOP_440	
	pH		LAB_P_SOP_441	
	polyphenols		ISO 14502-1	
	Toppings and sweet sauces		Total solids	IS 3882
			Total solids exclusive of added sugar	FSSAI manual of Fruit and Vegetables 3.
			Total Soluble Solids	IS 13815

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Toppings and sweet sauces (cont'd.)	Total soluble solids Exclusive of Salts	IS 3882
		Total soluble solids free of salt	FSSAI manual of Fruit and Vegetables 12.1
		Total Sugar	FSSAI manual of Fruit and Vegetables 2.6
	Tea	Protein	AOAC 920.103 Chapter 30
		Protein	LAB_P_SOP_339
		Rancidity or off odour	LAB_P_SOP_440
		Reducing Sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10
		Salt	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 4
		Soluble Dietary Fiber	AOAC 991.43 Chapter 32
		Starch	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 14
		Sulphite as Sulphur Dioxide	AOAC 990.28 Chapter 47
		Taste	LAB_P_SOP_447
		Texture	LAB_P_SOP_447
		Total catechins(Gallic Acid, (+)-Catechin, (-)-Epicatechin, (-)-Epigallocatechin, (-)-Epigallocatech ingallate, (-)-Epicatechingallate	IS 15344
		Total Dietary Fiber	AOAC 991.43 Chapter 32
		Total fat (Petroleum Ether Extract	AOAC 925.18 Chapter 30
		Total sugar	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Tea (cont.d)	Water Soluble Ash	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products 5.4
		Water Soluble Ash	AOAC 920.100 Chapter 30
		Calcium	Lab_P_SOP_416
		Copper	Lab_P_SOP_036
		Iron	Lab_P_SOP_416
		Iron	Lab_P_SOP_036
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_316
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_036
		Zinc	Lab_P_SOP_416
	Vegetables & vegetable products	Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_316
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
	Alcoholic Beverages	Protein	LAB_P_SOP_339
		Energy in Distilled beverages	LAB_P_SOP_430
		Aldehydes as acetaldehyde	IS 3752
		Ash	IS 3752
		Ash	AOAC 920.54 Chaptter 27
		Bitterness	AOAC 970.16 Chapter 27
	Vegetables and Vegetable products	Acid Insoluble ash	IS 966
		Acid Insoluble ash	FSSAI Method of Aanlysis of Fruit and Vegetables 17.4
		Acidity	FSSAI Method of Aanlysis of Fruit and Vegetables 2.4

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Vegetables and Vegetable products (cont'd)	Acidity	AOAC 942.15 chapter 37
		Added Colouring Matter	LAB_P_SOP_325
		Ash	AOAC 925.51 chapter 42
		Ash	IS 966
		Ash	FSSAI Method of Aanlysis of Fruit and Vegetables 11.3
	Alcoholic Beverages	Carbohydrate	AOAC 979.06 Chapter 27
		Carbon Dioxide	IS 2346
		Carbon Dioxide	IS 2346
		Color	AOAC 976.08 Chapter 27
		Energy in Beer	AOAC 971.10 Chapter 27
		Ethanol content at 20 degree C	IS 3752
		Fixed acidity	IS 7585
	Vegetables and Vegetable products	Ash	AOAC 940.26 chapter 37
		Blemished fruit pieces	LAB_P_SOP_237
		Brix	IS 13815
		Colour	LAB_P_SOP_425
		Crude Fibre	IS 10226 (Part II)
		Dietary Fibre	AOAC 985.29 chapter 45
		Drained Weight	FSSAI Method of Aanlysis of Fruit and Vegetables 1.4
		Drained Weight	AOAC 953.15 chapter 37
		Drained Weight	IS 2860
		Ethanol	LAB_P_SOP_457
		Extraneous Vegetable Matter	LAB_P_SOP_431
		Fat	IS 966
		Fat	AOAC 948.22 chapter 40
		Fill of the container	AOAC 953.14 chapter 37
		Fill of the container	FSSAI Method of Aanlysis of Fruit and Vegetables 1.3
		Fill of the container	LAB_P_SOP_250
		Flavour	LAB_P_SOP_440

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Vegetables and Vegetable products (cont'd.)	Free fatty acid	IS 966
		Fruit Content	LAB_P_SOP_244
		Fruit Content	FSSAI Method of Aanlysis of Fruit and Vegetables 2.11
		Head Space	IS 2860
		Insoluble Dietary Fiber	AOAC 985.29 chapter 45
		Insoluble Solids	AOAC 911.02 chapter 42
		Lycopene content	LAB_P_SOP_075
		Mineral Impurities	FSSAI Method of Aanlysis of Fruit and Vegetables 2.10
		Moisture	AOAC 934.06 chapter 37
		Moisture	IS 966
		Moisture	FSSAI Method of Aanlysis of Fruit and Vegetables 4.1
		Nitrogen	FSSAI Method of Aanlysis of Fruit and Vegetables 14.9
		Patulin	AOAC 995.10, Chapter 49
		Peel in suspension	LAB_P_SOP_237
		pH @25 degree C	FSSAI Method of Aanlysis of Fruit and Vegetables 2.3
		pH @25 degree C	IS 2860
		Presence of Peroxidase	FSSAI Method of Aanlysis of Fruit and Vegetables 17.5
		Protein	IS 966
		Protein	IS 7219
		Reducing Sugar	AOAC 925.36 chapter 37
		Reducing Sugar	FSSAI Method of Aanlysis of Fruit and Vegetables 2.6
		Salt	AOAC 939.10 chapter 42
		Salt	AOAC 928.06 chapter 37
		Salt	FSSAI Method of Aanlysis of Fruit and Vegetables 1.7
		Seed Material	LAB_P_SOP_237
		Soluble Dietary Fiber	AOAC 985.29 chapter 45
Soluble solids	AOAC 940.31 chapter 42		
Specific Gravity	LAB_P_SOP_023		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Vegetables and Vegetable products (cont'd.)	Specific Gravity	IS 2860
		Starch	FSSAI Method of Aanalysis of Fruit and Vegetables 7.3
		Starch	AOAC 925.38 chapter 37
		Sucrose	AOAC 925.35 chapter 37
		Sucrose	FSSAI Method of Aanalysis of Fruit and Vegetables 2.6
		Sugar	AOAC 925.52 chapter 42
		Sulphites as Sulphur Dioxide	AOAC 990.28 chapter 47
		Sulphites as Sulphur Dioxide	FSSAI Method of Aanalysis of Fruit and Vegetables 17.7
		Sulphites as Sulphur Dioxide	Ranganna Hand book of Analysis 2005
		Sulphites as Sulphur Dioxide	LAB_P_SOP_452
		Texture	LAB_P_SOP_447
		Total Solids	AOAC 964.22 chapter 42
		Total Solids	AOAC 920.151 chapter 37
		Total Solids	FSSAI Method of Aanalysis of Fruit and Vegetables 2.1
		Total Soluble solids free of added salt	FSSAI Method of Aanalysis of Fruit and Vegetables 2.12
		Total Soluble Solids/Brix	FSSAI Method of Aanalysis of Fruit and Vegetables 1.6
		Total Soluble Solids/Brix	AOAC 932.12 chapter 37
		Total Sugar	FSSAI Method of Aanalysis of Fruit and Vegetables 2.6
		Vitamin C	LAB_P_SOP_064
		Water Insoluble Solids	AOAC 922.10 chapter 37
	Alcoholic Beverages	Fixed acidity	IS 3752
		Furfural	IS 3752
		Haze	AOAC 970.14 Chapter 27
		Higher alcohols as amyl alcohol	IS 3752
		Methyl Alcohol	IS 3752
		Miscibility with water	IS 6613

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Alcoholic Beverages (cont'd.)	Permaganate reaction time	IS 6613
		pH	AOAC 945.10 Chapter 27
		pH	IS 3865
		Protein	AOAC 920.53 Chaptter 27
		Reducing sugar	IS 7585
		Relative Density	IS 3506
		Residual extract	IS 7585
		Residue on Evaporation	IS 6613
		Residue on Evaporation	IS 3752
		Specific gravity	AOAC 945.06, Chapter 26
		Specific gravity	IS 323
		Specific gravity	IS 3506
		Sugar	IS 7585
		Total acids as Acetic Acid	IS 323
		Total acids as Tartaric acid	IS 3752
		Total acids as Tartaric acid	IS 7585
		Total Esters as Ethyl Acetate	IS 3752
		Total Sulphur dioxide	IS 7585
		Volatile acids as Acetic Acid	IS 7585
		Volatile acids as Acetic Acid	IS 3752
	Beverages (Alcoholic / Non-alcoholic)	Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_416
	Non alcoholic Beverages	Acid Insoluble Ash	LAB_P_SOP_248
		Added colour	FSSAI manual for Food Additives 4.2

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Non alcoholic Beverages (cont'd.)	Added Sugar	FSSAI manual of Fruit and Vegetables 2.6
		Appearance	AOAC 950.12 Chapter 29
		Appearance	LAB_P_SOP_420
		Ash	LAB_P_SOP_421
		Brix	IS 13815
		Caffeine	LAB_P_SOP_215
		Caramel	FSSAI manual for Food Additives 4.2
		Colour	AOAC 950.12 Chapter 29
		Colour	LAB_P_SOP_425
		Deleterious substances	LAB_P_SOP_426
		Dirt	LAB_P_SOP_426
		Ethanol content	LAB_P_SOP_457
		Extraneous matter	LAB_P_SOP_431
		Fat	IS 9038
		Fill of Container	LAB_P_SOP_331
		Fill of Container	FSSAI manual of Fruit and Vegetables 1.3
		Filth	FSSAI manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 13
		Filth	LAB_P_SOP_434
		Flavour	LAB_P_SOP_332
		Fruit Content	FSSAI manual of Fruit and Vegetables 2.11
		Fruit Content	LAB_P_SOP_244
		Head space in can	IS 2860
		Hydroxymethyl furfural (HMF)	LAB_P_SOP_338
Insect, Insect Fragments, Rodent hair, Larve and Insect Infestation and Fungal and Mould Infestation	LAB_P_SOP_420		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE	
Chemical -Food & Agricultural products (cont'd.)	Non alcoholic Beverages (cont'd.)	Moisture	LAB_P_SOP_247	
		Moisture	AOAC 950.27 Chapter 29	
		Odour	AOAC 950.12 Chapter 29	
		Odour	LAB_P_SOP_440	
		Patulin	AOAC 995.10, Chapter 49	
		pH	LAB_P_SOP_441	
		pH	FSSAI manual of Fruit and Vegetables 2.3	
		Protein	AOAC 920.152 Chapter 37	
		Rancidity or off odour	LAB_P_SOP_440	
		Reducing Sugar	FSSAI manual of Fruit and Vegetables 2.6	
		Salt	FSSAI manual of Fruit and Vegetables 1.7	
		Specific gravity	AOAC 950.28 Chapter 29	
		Taste	LAB_P_SOP_447	
		Taste	AOAC 950.12 Chapter 29	
		Texture	LAB_P_SOP_447	
		Total Acidity	FSSAI manual of Fruit and Vegetables 2.4	
		Total Dietary Fiber	AOAC 991.43 Chapter 32	
		Total solids	AOAC 950.27 Chapter 29	
		Total Solids	AOAC 920.151 Chapter 37	
		Total Solids	FSSAI manual of Fruit and Vegetables 2.1	
		Total solids exclusive of added sugar	FSSAI manual of Fruit and Vegetables 3.5	
		Total soluble solids	IS 13815	
		Total Soluble Solids	FSSAI manual of Fruit and Vegetables 2.2	
	Total soluble solids free of salt	FSSAI manual of Fruit and Vegetables 2.12		
		Fortified Rice and Rice Kernels	Iron	FSSAI.FR.16.001
		Bakery products	Curcumin	FSSAI manual for Food Additives 4.1

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
	Chewing gum	Curcumin	FSSAI manual for Food Additives 4.1
	Cocoa products and chocolate products	Curcumin	FSSAI manual for Food Additives 4.1
	Hard and Soft boiled confectioneries	Curcumin	FSSAI manual for Food Additives 4.1
	Toppings and sweet sauces	Curcumin	FSSAI manual for Food Additives 4.1
	Non alcoholic Beverages	Curcumin	FSSAI manual for Food Additives 4.1
	Coffee & cocoa products	Curcumin	FSSAI manual for Food Additives 4.1

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Fats and oils	Cotton seed Oil (Halphens Test)	FSSAI Manual of Methods of Analysis of Oils and Fats FSSAI 02.014
	Herbs, spices, seasonings, and condiments	Colouring power expressed as curcuminoid content	FSSAI Manual of Methods of Analysis of Spices and Condiments FSSAI 10.030
		Curcumin	IS 10925
	Turmeric and dietary supplements	Curcuminoids	AOAC 2016.16 Chapter 51
		Curcumin	AOAC 2016.16 Chapter 51
		Demethoxycurcumin	AOAC 2016.16 Chapter 51
		Bisdemethoxycurcumin	AOAC 2016.16 Chapter 51
	Butter oil, anhydrous milk fat, ghee, Butter	Antioxidants- TBHQ	AOAC 983.15, Chapter 47
		Antioxidants- TBHQ	LAB_P_SOP_333
	Milk and dairy-based drinks	Detection of Maltodextrin	IS 1479 (Part 1)
		Detection of Ammonium sulphate	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.5
	Milk powder, cream powder and their products	Detection and Estimation of Added Glucose	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.7.1
		Detection of Added Urea	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.4
		Detection of Cane sugar	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.1.1
		Detection of Cellulose	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.3
Detection of Hypochlorites and Chloramines		FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.12.2	

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Food & Agricultural products (cont'd.)	Milk powder, cream powder and their products (cont'd.)	Detection of Neutralizers	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.11
		Detection of Nitrates (Pond Water)	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.10
		Detection of Presence of Foreign Fat	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.9
		Detection of Sodium Chloride	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.8
		Detection of Maltodextrine	IS 1479 (Part 1)
		Detection of Ammonium sulphate	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.5
		Detection of starch	FSSAI manual of Methods of Analysis of Milk and Milk products 1.2.2
	Tea	Curcumin	FSSAI manual for Food Additives 4.1
	Prepared Foods or Dishes, Snacks and Savouries, Fortified Food, Food & Agricultural products	Tertiary Butylhydroquinone(TBHQ)	AOAC 983.15, chapter 47
		Tertiary Butylhydroquinone(TBHQ)	LAB_P_SOP_333
	Prepared Foods or Dishes	Salt as NaCl	FSSAI Manual of Methods of Analysis of Fruit and Vegetable products 1.7
	Prepared Foods or Dishes,Snacks and Savouries, Fortified Food, Food & Agricultural products	Turmeric (curcumin)	FSSAI Method of Analysis of Food Additives 4.1.3
	Premixes	Vitamin K1((phyloquinone)	LAB_P_SOP_365
Residues in Water	Drinking Water	1,2-dichloroethane	LAB_P_SOP_280
		Acrylamide	LAB_P_SOP_279
		Benzene	LAB_P_SOP_280
		Bromodichloromethane	LAB_P_SOP_280
		Bromoform	LAB_P_SOP_280
		Chloroform	LAB_P_SOP_280

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Water (cont'd.)	Drinking Water (cont'd.)	Dibromochloromethane	LAB_P_SOP_280
		Epichlorohydrin	LAB_P_SOP_280
		Florene	LAB_P_SOP_280
		Tetrachloroethene	LAB_P_SOP_280
		Trichloroethene	LAB_P_SOP_280
		Vinyl Chloride	LAB_P_SOP_280
	Ground Water	1,2-dichloroethane	LAB_P_SOP_280
		Acrylamide	LAB_P_SOP_279
		Benzene	LAB_P_SOP_280
		Bromodichloromethane	LAB_P_SOP_280
		Bromoform	LAB_P_SOP_280
		Chloroform	LAB_P_SOP_280
		Dibromochloromethane	LAB_P_SOP_280
		Epichlorohydrin	LAB_P_SOP_280
		Florene	LAB_P_SOP_280
		Tetrachloroethene	LAB_P_SOP_280
		Trichloroethene	LAB_P_SOP_280
		Vinyl Chloride	LAB_P_SOP_280
	Industrial Water	1,2-dichloroethane	LAB_P_SOP_280
		Acrylamide	LAB_P_SOP_279
		Benzene	LAB_P_SOP_280
		Bromodichloromethane	LAB_P_SOP_280
		Bromoform	LAB_P_SOP_280
		Chloroform	LAB_P_SOP_280
		Dibromochloromethane	LAB_P_SOP_280
		Epichlorohydrin	LAB_P_SOP_280
		Florene	LAB_P_SOP_280
		Tetrachloroethene	LAB_P_SOP_280
	Packaged Drinking Water	1,2-dichloroethane	LAB_P_SOP_280
		Acrylamide	LAB_P_SOP_279
		Benzene	LAB_P_SOP_280

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Residues in Water (cont'd.)	Packaged Drinking Water (continued)	Bromodichloromethane	LAB_P_SOP_280
		Bromoform	LAB_P_SOP_280
		Chloroform	LAB_P_SOP_280
		Dibromochloromethane	LAB_P_SOP_280
		Epichlorohydrin	LAB_P_SOP_280
		Florene	LAB_P_SOP_280
		Tetrachloroethene	LAB_P_SOP_280
		Trichloroethene	LAB_P_SOP_280
		Vinyl Chloride	LAB_P_SOP_280
	Drinking Water	2,4-D	LAB_P_SOP_047
		Alachor	LAB_P_SOP_047
		Aldrin	LAB_P_SOP_047
		alpha-HCH	LAB_P_SOP_047
		Atrazine	LAB_P_SOP_047
		beta-HCH	LAB_P_SOP_047
		Butachlor	LAB_P_SOP_047
		Chlorpyrifos	LAB_P_SOP_047
		delta-HCH	LAB_P_SOP_047
		Dieldrin	LAB_P_SOP_047
		Endosulfan-a	LAB_P_SOP_047
		Endosulfan-β	LAB_P_SOP_047
		Endosulfan-Sulfate	LAB_P_SOP_047
		Ethion	LAB_P_SOP_047
		gamma-HCH	LAB_P_SOP_047
		Isoproturon	LAB_P_SOP_047
		Malaoxon	LAB_P_SOP_047
		Malathion	LAB_P_SOP_047
Methyl parathion	LAB_P_SOP_047		
Methyl paraoxon	LAB_P_SOP_047		
Monocrotophos	LAB_P_SOP_047		
o, p-DDT	LAB_P_SOP_047		

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Residues in Water (cont'd.)	Drinking Water (cont'd.)	o,p-DDD	LAB_P_SOP_047
		o,p-DDE	LAB_P_SOP_047
		p,p-DDD	LAB_P_SOP_047
		p,p-DDE	LAB_P_SOP_047
		p,p-DDT	LAB_P_SOP_047
		Phorate	LAB_P_SOP_047
		Phorate Sulfone	LAB_P_SOP_047
		Phorate Sulfoxide	LAB_P_SOP_047
	Ground Water	2,4-D	LAB_P_SOP_047
		Alachor	LAB_P_SOP_047
		Aldrin	LAB_P_SOP_047
		alpha-HCH	LAB_P_SOP_047
		Atrazine	LAB_P_SOP_047
		beta-HCH	LAB_P_SOP_047
		Butachlor	LAB_P_SOP_047
		Chlorpyrifos	LAB_P_SOP_047
		delta-HCH	LAB_P_SOP_047
		Dieldrin	LAB_P_SOP_047
		Endosulfan-a	LAB_P_SOP_047
		Endosulfan-β	LAB_P_SOP_047
		Endosulfan-Sulfate	LAB_P_SOP_047
		Ethion	LAB_P_SOP_047
		gamma-HCH	LAB_P_SOP_047
		Isoproturon	LAB_P_SOP_047
		Malaoxon	LAB_P_SOP_047
		Malathion	LAB_P_SOP_047
		Methyl parathion	LAB_P_SOP_047
		Methyl paraoxon	LAB_P_SOP_047
		Monocrotophos	LAB_P_SOP_047
o, p-DDT	LAB_P_SOP_047		
o,p-DDD	LAB_P_SOP_047		

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Residues in Water (cont'd.)	Ground Water (cont'd.)	o,p-DDE	LAB_P_SOP_047
		p,p-DDD	LAB_P_SOP_047
		p,p-DDE	LAB_P_SOP_047
		p,p-DDT	LAB_P_SOP_047
		Phorate	LAB_P_SOP_047
		Phorate Sulfone	LAB_P_SOP_047
		Phorate Sulfoxide	LAB_P_SOP_047
	Industrial Water	2,4-D	LAB_P_SOP_047
		a-HCH	LAB_P_SOP_047
		Alachor	LAB_P_SOP_047
		Aldrin	LAB_P_SOP_047
		Atrazine	LAB_P_SOP_047
		Butachlor	LAB_P_SOP_047
		Chlorpyrifos	LAB_P_SOP_047
		d-HCH	LAB_P_SOP_047
		Dieldrin	LAB_P_SOP_047
		Endosulfan-a	LAB_P_SOP_047
		Endosulfan-β	LAB_P_SOP_047
		Endosulfan-Sulfate	LAB_P_SOP_047
		Ethion	LAB_P_SOP_047
		gamma-HCH	LAB_P_SOP_047
		Isoproturon	LAB_P_SOP_047
		Malaoxon	LAB_P_SOP_047
		Malathion	LAB_P_SOP_047
		Methyl parathion	LAB_P_SOP_047
		Methyl paraoxon	LAB_P_SOP_047
		Monocrotophos	LAB_P_SOP_047
		o, p-DDT	LAB_P_SOP_047
		o,p-DDD	LAB_P_SOP_047
		o,p-DDE	LAB_P_SOP_047
		p,p-DDD	LAB_P_SOP_047

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Residues in Water (cont'd.)	Industrial Water (cont'd.)	p,p-DDE	LAB_P_SOP_047
		p,p-DDT	LAB_P_SOP_047
		Phorate	LAB_P_SOP_047
		Phorate Sulfone	LAB_P_SOP_047
		Phorate Sulfoxide	LAB_P_SOP_047
		β-HCH	LAB_P_SOP_047
	Packaged Drinking Water	2,4-D	LAB_P_SOP_047
		a-HCH	LAB_P_SOP_047
		Alachor	LAB_P_SOP_047
		Aldrin	LAB_P_SOP_047
		Atrazine	LAB_P_SOP_047
		Butachlor	LAB_P_SOP_047
		Chlorpyrifos	LAB_P_SOP_047
		d-HCH	LAB_P_SOP_047
		Dieldrin	LAB_P_SOP_047
		Endosulfan-a	LAB_P_SOP_047
		Endosulfan-β	LAB_P_SOP_047
		Endosulfan-Sulfate	LAB_P_SOP_047
		Ethion	LAB_P_SOP_047
		gamma-HCH	LAB_P_SOP_047
		Isoproturon	LAB_P_SOP_047
		Malaoxon	LAB_P_SOP_047
		Malathion	LAB_P_SOP_047
		Methyl parathion	LAB_P_SOP_047
		Methyl paraoxon	LAB_P_SOP_047
		Monocrotophos	LAB_P_SOP_047
		o, p-DDT	LAB_P_SOP_047
		o,p-DDD	LAB_P_SOP_047
o,p-DDE	LAB_P_SOP_047		
p,p-DDD	LAB_P_SOP_047		
p,p-DDE	LAB_P_SOP_047		

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Residues in Water (cont'd.)	Packaged Drinking Water (continued)	p,p-DDT	LAB_P_SOP_047
		Phorate	LAB_P_SOP_047
		Phorate Sulfone	LAB_P_SOP_047
		Phorate Sulfoxide	LAB_P_SOP_047
		β-HCH	LAB_P_SOP_047
	Drinking Water Drinking Water (cont'd.)	#1 (2-Chlorobiphenyl)	LAB_P_SOP_047
		#101 (2,2',4,5,5'-Pentachlorobiphenyl)	LAB_P_SOP_047
		#110 (2,3,3',4',6-Pentachlorobiphenyl)	LAB_P_SOP_047
		#138 (2,2',3,4,4',5'-Hexachlorobiphenyl)	LAB_P_SOP_047
		#141 (2,2',3,4,5,5'-Hexachlorobiphenyl)	LAB_P_SOP_047
		#151 (2,2',3,5,5',6-Hexachlorobiphenyl)	LAB_P_SOP_047
		#153 (2,2',4,4',5,5'-Hexachlorobiphenyl)	LAB_P_SOP_047
		#170 (2,2',3,3',4,4',5-Heptachlorobiphenyl)	LAB_P_SOP_047
		#18 (2,2',5-Trichlorobiphenyl)	LAB_P_SOP_047
		#180 (2,2',3,4,4',5,5'-Heptachlorobiphenyl)	LAB_P_SOP_047
		#183 (2,2',3,4,4',5',6-Heptachlorobiphenyl)	LAB_P_SOP_047
		#187 (2,2',3,4',5,5',6-Heptachlorobiphenyl)	LAB_P_SOP_047
		#206 (2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl)	LAB_P_SOP_047
		#31 (2,4',5-Trichlorobiphenyl)	LAB_P_SOP_047
		#44 (2,2',3,5'-Tetrachlorobiphenyl)	LAB_P_SOP_047
		#5 (2,3-Dichlorobiphenyl)	LAB_P_SOP_047
		#52 (2,2',5,5'-Tetrachlorobiphenyl)	LAB_P_SOP_047
		#66 (2,3',4,4'-Tetrachlorobiphenyl)	LAB_P_SOP_047

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Water (cont'd.)	Ground Water	#87 (2,2',3,4,5'-Pentachlorobiphenyl)	LAB_P_SOP_047
		#1 (2-Chlorobiphenyl)	LAB_P_SOP_047
		#101 (2,2',4,5,5'-Pentachlorobiphenyl)	LAB_P_SOP_047
		#110 (2,3,3',4',6-Pentachlorobiphenyl)	LAB_P_SOP_047
		#138 (2,2',3,4,4',5'-Hexachlorobiphenyl)	LAB_P_SOP_047
		#141 (2,2',3,4,5,5'-Hexachlorobiphenyl)	LAB_P_SOP_047
		#151 (2,2',3,5,5',6-Hexachlorobiphenyl)	LAB_P_SOP_047
		#153 (2,2',4,4',5,5'-Hexachlorobiphenyl)	LAB_P_SOP_047
		#170 (2,2',3,3',4,4',5-Heptachlorobiphenyl)	LAB_P_SOP_047
		#18 (2,2',5-Trichlorobiphenyl)	LAB_P_SOP_047
		#180 (2,2',3,4,4',5,5'-Heptachlorobiphenyl)	LAB_P_SOP_047
		#183 (2,2',3,4,4',5',6-Heptachlorobiphenyl)	LAB_P_SOP_047
		#187 (2,2',3,4',5,5',6-Heptachlorobiphenyl)	LAB_P_SOP_047
		#206 (2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl)	LAB_P_SOP_047
		#31 (2,4',5-Trichlorobiphenyl)	LAB_P_SOP_047
		#44 (2,2',3,5'-Tetrachlorobiphenyl)	LAB_P_SOP_047
		#5 (2,3-Dichlorobiphenyl)	LAB_P_SOP_047
		#52 (2,2',5,5'-Tetrachlorobiphenyl)	LAB_P_SOP_047
		#66 (2,3',4,4'-Tetrachlorobiphenyl)	LAB_P_SOP_047
		#87 (2,2',3,4,5'-Pentachlorobiphenyl)	LAB_P_SOP_047
		Industrial Water	#1 (2-Chlorobiphenyl)
		#101 (2,2',4,5,5'-Pentachlorobiphenyl)	LAB_P_SOP_047

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE	
Residues in Water (cont'd.)	Industrial Water (cont'd.)	#110 (2,3,3',4',6-Pentachlorobiphenyl)	LAB_P_SOP_047	
		#138 (2,2',3,4,4',5'-Hexachlorobiphenyl)	LAB_P_SOP_047	
		#141 (2,2',3,4,5,5'-Hexachlorobiphenyl)	LAB_P_SOP_047	
		#151 (2,2',3,5,5',6-Hexachlorobiphenyl)	LAB_P_SOP_047	
		#153 (2,2',4,4',5,5'-Hexachlorobiphenyl)	LAB_P_SOP_047	
		#170 (2,2',3,3',4,4',5-Heptachlorobiphenyl)	LAB_P_SOP_047	
		#18 (2,2',5-Trichlorobiphenyl)	LAB_P_SOP_047	
		#180 (2,2',3,4,4',5,5'-Heptachlorobiphenyl)	LAB_P_SOP_047	
		#183 (2,2',3,4,4',5',6-Heptachlorobiphenyl)	LAB_P_SOP_047	
		#187 (2,2',3,4',5,5',6-Heptachlorobiphenyl)	LAB_P_SOP_047	
		#206 (2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl)	LAB_P_SOP_047	
		#31 (2,4',5-Trichlorobiphenyl)	LAB_P_SOP_047	
		#44 (2,2',3,5'-Tetrachlorobiphenyl)	LAB_P_SOP_047	
		#5 (2,3-Dichlorobiphenyl)	LAB_P_SOP_047	
		#52 (2,2',5,5'-Tetrachlorobiphenyl)	LAB_P_SOP_047	
		#66 (2,3',4,4'-Tetrachlorobiphenyl)	LAB_P_SOP_047	
		#87 (2,2',3,4,5'-Pentachlorobiphenyl)	LAB_P_SOP_047	
		Packaged Drinking Water	#1 (2-Chlorobiphenyl)	LAB_P_SOP_047
			#101 (2,2',4,5,5'-Pentachlorobiphenyl)	LAB_P_SOP_047
	#110 (2,3,3',4',6-Pentachlorobiphenyl)		LAB_P_SOP_047	
	#138 (2,2',3,4,4',5'-Hexachlorobiphenyl)		LAB_P_SOP_047	
	#141 (2,2',3,4,5,5'-Hexachlorobiphenyl)		LAB_P_SOP_047	

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Residues in Water (cont'd.)	Packaged Drinking Water (cont'd.)	#151 (2,2',3,5,5',6-Hexachlorobiphenyl)	LAB_P_SOP_047
		#153 (2,2',4,4',5,5'-Hexachlorobiphenyl)	LAB_P_SOP_047
		#170 (2,2',3,3',4,4',5-Heptachlorobiphenyl)	LAB_P_SOP_047
		#18 (2,2',5-Trichlorobiphenyl)	LAB_P_SOP_047
		#180 (2,2',3,4,4',5,5'-Heptachlorobiphenyl)	LAB_P_SOP_047
		#183 (2,2',3,4,4',5',6-Heptachlorobiphenyl)	LAB_P_SOP_047
		#187 (2,2',3,4',5,5',6-Heptachlorobiphenyl)	LAB_P_SOP_047
		#206 (2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl)	LAB_P_SOP_047
		#31 (2,4',5-Trichlorobiphenyl)	LAB_P_SOP_047
		#44 (2,2',3,5'-Tetrachlorobiphenyl)	LAB_P_SOP_047
		#5 (2,3-Dichlorobiphenyl)	LAB_P_SOP_047
		#52 (2,2',5,5'-Tetrachlorobiphenyl)	LAB_P_SOP_047
		#66 (2,3',4,4'-Tetrachlorobiphenyl)	LAB_P_SOP_047
		#87 (2,2',3,4,5'-Pentachlorobiphenyl)	LAB_P_SOP_047
		Drinking Water	Acenaphthalene
	Acenaphthene		LAB_P_SOP_047
	Anthracene		LAB_P_SOP_047
	Benz(a)anthracene		LAB_P_SOP_047
	Benzo(a)pyrene		LAB_P_SOP_047
	Benzo(b)fluoranthrene		LAB_P_SOP_047
	Benzo(g,h,i)perylene		LAB_P_SOP_047
	Benzo(k)fluoranthrene		LAB_P_SOP_047
	Chrysene		LAB_P_SOP_047
Di-benz(a,h)anthracene	LAB_P_SOP_047		
Fluoranthrene	LAB_P_SOP_047		

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Residues in Water (cont'd.)	Drinking Water (continued)	Fluorene	LAB_P_SOP_047
		Indo 1,2,3(c,d)pyrene	LAB_P_SOP_047
		Naphthalene	LAB_P_SOP_047
		Phenanthrene	LAB_P_SOP_047
		Pyrene	LAB_P_SOP_047
	Ground Water	Acenaphthalene	LAB_P_SOP_047
		Acenaphthene	LAB_P_SOP_047
		Anthracene	LAB_P_SOP_047
		Benz(a)anthracene	LAB_P_SOP_047
		Benzo(a)pyrene	LAB_P_SOP_047
		Benzo(b)fluoranthrene	LAB_P_SOP_047
		Benzo(g,h,i)perylene	LAB_P_SOP_047
		Benzo(k)fluoranthrene	LAB_P_SOP_047
		Chrysene	LAB_P_SOP_047
		Di-benz(a,h)anthracene	LAB_P_SOP_047
		Fluoranthrene	LAB_P_SOP_047
		Fluorene	LAB_P_SOP_047
		Indo 1,2,3(c,d)pyrene	LAB_P_SOP_047
		Naphthalene	LAB_P_SOP_047
		Phenanthrene	LAB_P_SOP_047
		Pyrene	LAB_P_SOP_047
		Industrial Water	Acenaphthalene
	Acenaphthene		LAB_P_SOP_047
	Anthracene		LAB_P_SOP_047
	Benz(a)anthracene		LAB_P_SOP_047
	Benzo(a)pyrene		LAB_P_SOP_047
	Benzo(b)fluoranthrene		LAB_P_SOP_047
	Benzo(g,h,i)perylene		LAB_P_SOP_047
	Benzo(k)fluoranthrene		LAB_P_SOP_047
	Chrysene		LAB_P_SOP_047
	Di-benz(a,h)anthracene	LAB_P_SOP_047	

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Residues in Water (cont'd.)	Industrial Water (continued)	Fluoranthrene	LAB_P_SOP_047
		Fluorene	LAB_P_SOP_047
		Indo 1,2,3(c,d)pyrene	LAB_P_SOP_047
		Naphthalene	LAB_P_SOP_047
		Phenanthrene	LAB_P_SOP_047
		Pyrene	LAB_P_SOP_047
	Packaged Drinking Water	Acenaphthalene	LAB_P_SOP_047
		Acenaphthene	LAB_P_SOP_047
		Anthracene	LAB_P_SOP_047
		Benz(a)anthracene	LAB_P_SOP_047
		Benzo(a)pyrene	LAB_P_SOP_047
		Benzo(b)fluoranthrene	LAB_P_SOP_047
		Benzo(g,h,i)perylene	LAB_P_SOP_047
		Benzo(k)fluoranthrene	LAB_P_SOP_047
		Chrysene	LAB_P_SOP_047
		Di-benz(a,h)anthracene	LAB_P_SOP_047
		Fluoranthrene	LAB_P_SOP_047
		Fluorene	LAB_P_SOP_047
		Indo 1,2,3(c,d)pyrene	LAB_P_SOP_047
		Naphthalene	LAB_P_SOP_047
		Phenanthrene	LAB_P_SOP_047
		Pyrene	LAB_P_SOP_047
	Drinking Water	Aluminium	Lab_P_SOP_316
		Antimony	Lab_P_SOP_316
		Arsenic	Lab_P_SOP_316
		Barium	Lab_P_SOP_316
		Boron	Lab_P_SOP_316
		Cadmium	Lab_P_SOP_316
		Chromium	Lab_P_SOP_316
Copper		Lab_P_SOP_316	
Iron		Lab_P_SOP_316	

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Residues in Water (cont'd.)	Drinking Water (continued)	Lead	Lab_P_SOP_316
		Manganese	Lab_P_SOP_316
		Mercury	Lab_P_SOP_316
		Molybdenum	Lab_P_SOP_316
		Nickel	Lab_P_SOP_316
		Selenium	Lab_P_SOP_316
		Silver	Lab_P_SOP_316
		Sodium	Lab_P_SOP_316
		Uranium	Lab_P_SOP_316
		Zinc	Lab_P_SOP_316
	Ground Water	Aluminium	Lab_P_SOP_316
		Antimony	Lab_P_SOP_316
		Arsenic	Lab_P_SOP_316
		Barium	Lab_P_SOP_316
		Boron	Lab_P_SOP_316
		Cadmium	Lab_P_SOP_316
		Chromium	Lab_P_SOP_316
		Copper	Lab_P_SOP_316
		Iron	Lab_P_SOP_316
		Lead	Lab_P_SOP_316
		Manganese	Lab_P_SOP_316
		Mecury	Lab_P_SOP_316
		Molybdenum	Lab_P_SOP_316
		Nickel	Lab_P_SOP_316
		Selenium	Lab_P_SOP_316
		Silver	Lab_P_SOP_316
		Sodium	Lab_P_SOP_316
		Uranium	Lab_P_SOP_316
		Zinc	Lab_P_SOP_316
		Industrial water	Aluminium
	Antimony		Lab_P_SOP_316

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Residues in Water (cont'd.)	Industrial water (cont'd.)	Arsenic	Lab_P_SOP_316
		Barium	Lab_P_SOP_221
		Boron	Lab_P_SOP_316
		Cadmium	Lab_P_SOP_316
		Chromium	Lab_P_SOP_316
		Copper	Lab_P_SOP_316
		Iron	Lab_P_SOP_316
		Lead	Lab_P_SOP_316
		Manganese	Lab_P_SOP_316
		Mercury	Lab_P_SOP_316
		Molybdenum	Lab_P_SOP_316
		Nickel	Lab_P_SOP_316
		Selenium	Lab_P_SOP_316
		Silver	Lab_P_SOP_316
	Sodium	Lab_P_SOP_316	
	Zinc	Lab_P_SOP_316	
	Packaged Drinking Water	Aluminium	Lab_P_SOP_316
		Antimony	Lab_P_SOP_316
		Arsenic	Lab_P_SOP_316
		Barium	Lab_P_SOP_316
		Boron	Lab_P_SOP_316
		Cadmium	Lab_P_SOP_316
		Chromium	Lab_P_SOP_316
		Copper	Lab_P_SOP_316
		Iron	Lab_P_SOP_316
		Lead	Lab_P_SOP_316
		Manganese	Lab_P_SOP_316
Mercury		Lab_P_SOP_316	
Molybdenum		Lab_P_SOP_316	
Nickel	Lab_P_SOP_316		
Selenium	Lab_P_SOP_316		



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Water (cont'd.)	Packaged Drinking Water	Silver	Lab_P_SOP_316
		Sodium	Lab_P_SOP_316
		Uranium	Lab_P_SOP_316
		Zinc	Lab_P_SOP_316
Residues in Food Products	Egg and Egg Products	3,5-morpholinomethyl-2-oxazolidinone (AMOZ)	Lab_P_SOP_091
		Amino Oxazolidinone (AOZ)	Lab_P_SOP_091
		Aminohydantoin (AHD)	Lab_P_SOP_091
		Amprolium	Lab_P_SOP_055
		Chloramphenicol	Lab_P_SOP_085
		Chlortetracycline	Lab_P_SOP_100
		Colistin	Lab_P_SOP_055
		Dimetridazole	Lab_P_SOP_056
		Erythromycin	Lab_P_SOP_055
		Flubendazole	Lab_P_SOP_055
		Josamycin	Lab_P_SOP_055
		Lincomycin	Lab_P_SOP_055
		Metronidazole	Lab_P_SOP_056
		Neomycin	Lab_P_SOP_098
		Oxalinic Acid	Lab_P_SOP_100
		Oxyteracycline	Lab_P_SOP_100
		Piperazine	Lab_P_SOP_055
		Semicarbazide (SEM)	Lab_P_SOP_091
		Spectinomycin	Lab_P_SOP_098
		Tetracycline	Lab_P_SOP_100
		Tiamulin	Lab_P_SOP_055
		Tylosin	Lab_P_SOP_055
Josamycin	LAB_P_SOP_055		
Lincomycin	LAB_P_SOP_055		
Metronidazole	LAB_P_SOP_056		
Neomycin	LAB_P_SOP_098		

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Residues in Food Products (cont'd.)	Egg and Egg Products (cont'd.)	Oxalinic Acid	LAB_P_SOP_100
		Oxyteracycline	LAB_P_SOP_100
		Aminohydantoin (AHD)	LAB_P_SOP_091
		Amprolium	LAB_P_SOP_055
		Chloramphenicol	LAB_P_SOP_085
		Chlortetracycline	LAB_P_SOP_100
		Colistin	LAB_P_SOP_055
		Dimetridazole	LAB_P_SOP_056
		Erythromycin	LAB_P_SOP_055
		Piperazine	LAB_P_SOP_055
		Semicarbazide (SEM)	LAB_P_SOP_091
		Spectinomycin	LAB_P_SOP_098
		Tetracycline	LAB_P_SOP_100
		Tiamulin	LAB_P_SOP_055
		Tylosin	LAB_P_SOP_055
		Flubendazole	LAB_P_SOP_055
		Josamycin	LAB_P_SOP_055
		Lincomycin	LAB_P_SOP_055
		Metronidazole	LAB_P_SOP_056
		Neomycin	LAB_P_SOP_098
		Oxalinic Acid	LAB_P_SOP_100
		Oxyteracycline	LAB_P_SOP_100
		Piperazine	LAB_P_SOP_055
		Semicarbazide (SEM)	LAB_P_SOP_091
		Spectinomycin	LAB_P_SOP_098
		Tetracycline	LAB_P_SOP_100
		Tiamulin	LAB_P_SOP_055
		Tylosin	LAB_P_SOP_055
Aminohydantoin (AHD)	LAB_P_SOP_091		
Amprolium	LAB_P_SOP_055		
Chloramphenicol	LAB_P_SOP_085		

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Residues in Food Products (cont'd.)	Egg and Egg Products (cont'd.)	Chlortetracycline	LAB_P_SOP_100
		Colistin	LAB_P_SOP_055
		Dimetridazole	LAB_P_SOP_056
		Erythromycin	LAB_P_SOP_055
		Flubendazole	LAB_P_SOP_055
		Nitrofurazone	LAB_P_SOP_096
		Nitrofurantoin	LAB_P_SOP_096
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
	Fish & Fish Products	4-epi oxytetracycline	LAB_P_SOP_100
		4-epi Tetracycline	LAB_P_SOP_100
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_044
		Aminohydantoin (AHD)	LAB_P_SOP_044
		Chloramphenicol	LAB_P_SOP_043
		Chlorotetracycline	LAB_P_SOP_100
		Ciprofloxacin	LAB_P_SOP_100
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Difloxacin	LAB_P_SOP_100
		Doxycycline	LAB_P_SOP_100
		Enrofloxacin	LAB_P_SOP_100
		Florfenicol	LAB_P_SOP_043
		Flumequine	LAB_P_SOP_100
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
		Leuco Crystal Violet	LAB_P_SOP_148
		Leuco Malachite Green	LAB_P_SOP_148
		Malachite green	LAB_P_SOP_148
		Nalidixic acid	LAB_P_SOP_100
		Nitrofurantoin	LAB_P_SOP_096
		Nitrofurazone	LAB_P_SOP_096

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Fish & Fish Products (cont'd.)	Norfloxacin	LAB_P_SOP_100
		Oxolinic Acid	LAB_P_SOP_100
		Oxyteracycline	LAB_P_SOP_100
		Sarafloxacin	LAB_P_SOP_100
		Semicarbazide (SEM)	LAB_P_SOP_044
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Sulfathiazole	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Trimethoprim	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		3,5-morpholinomethyl-2-oxazolidinone (AMOZ)	LAB_P_SOP_044
		4-epi Chlorotetracycline	LAB_P_SOP_100
		4-epi oxytetracycline	LAB_P_SOP_100
		4-epi Tetracycline	LAB_P_SOP_100
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_044
		Aminohydantoin (AHD)	LAB_P_SOP_044
		Chloramphenicol	LAB_P_SOP_043
Chlorotetracycline	LAB_P_SOP_100		
Ciprofloxacin	LAB_P_SOP_100		

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Residues in Food Products (cont'd.)	Fish & Fish Products (cont'd.)	Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Difloxacin	LAB_P_SOP_100
		Doxycycline	LAB_P_SOP_100
		Enrofloxacin	LAB_P_SOP_100
		3,5-morpholinomethyl-2-oxazolidinone (AMOZ)	LAB_P_SOP_044
		4-epi Chlorotetracycline	LAB_P_SOP_100
		4-epi oxytetracycline	LAB_P_SOP_100
		4-epi Tetracycline	LAB_P_SOP_100
		Florfenicol	LAB_P_SOP_043
		Flumequine	LAB_P_SOP_100
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
		Leuco Crystal Violet	LAB_P_SOP_148
		Leuco Malachite Green	LAB_P_SOP_148
		Malachite green	LAB_P_SOP_148
		Nalidixic acid	LAB_P_SOP_100
		Nitrofurantoin	LAB_P_SOP_096
		Nitrofurazone	LAB_P_SOP_096
		Norfloxacin	LAB_P_SOP_100
		Oxolinic Acid	LAB_P_SOP_100
		Oxyteracycline	LAB_P_SOP_100
		Sarafloxacin	LAB_P_SOP_100
		Semicarbazide (SEM)	LAB_P_SOP_044
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_044
Aminohydantoin (AHD)	LAB_P_SOP_044		
Chloramphenicol	LAB_P_SOP_043		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Fish & Fish Products (cont'd.)	Chlorotetracycline	LAB_P_SOP_100
		Ciprofloxacin	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Difloxacin	LAB_P_SOP_100
		Doxycycline	LAB_P_SOP_100
		Enrofloxacin	LAB_P_SOP_100
		Florfenicol	LAB_P_SOP_043
		Flumequine	LAB_P_SOP_100
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
		Leuco Crystal Violet	LAB_P_SOP_148
		Leuco Malachite Green	LAB_P_SOP_148
		Sulfathiazole	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Trimethoprim	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Malachite green	LAB_P_SOP_148
		Nalidixic acid	LAB_P_SOP_100
		Nitrofurantoin	LAB_P_SOP_096
		Nitrofurazone	LAB_P_SOP_096
Norfloxacin	LAB_P_SOP_100		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Fish & Fish Products (cont'd.)	Oxolinic Acid	LAB_P_SOP_100
		Oxyteracycline	LAB_P_SOP_100
		Sarafloxacin	LAB_P_SOP_100
		Semicarbazide (SEM)	LAB_P_SOP_044
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Sulfathiazole	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Trimethoprim	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Nitrofurazone	LAB_P_SOP_096
	Nitrofurantoin	LAB_P_SOP_096	
	Furaltadone	LAB_P_SOP_096	
	Furazolidone	LAB_P_SOP_096	
	Honey & honey products	3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ)	LAB_P_SOP_091
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_091
		Aminohydantoin (AHD)	LAB_P_SOP_091
Ampicillin		LAB_P_SOP_092	
Chloramphenicol		LAB_P_SOP_085	

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Honey & honey products (cont'd.)	Chlorotetracycline	LAB_P_SOP_100
		Ciprofloxacin	LAB_P_SOP_100
		Enrofloxacin	LAB_P_SOP_100
		Erythromycin	LAB_P_SOP_055
		Oxyteracycline	LAB_P_SOP_100
		Semicarbazide (SEM)	LAB_P_SOP_091
		Streptomycin	LAB_P_SOP_098
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Sulfathiazole	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ)	LAB_P_SOP_091
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_091
		Aminohydantoin (AHD)	LAB_P_SOP_091
		Ampicillin	LAB_P_SOP_092
Chloramphenicol	LAB_P_SOP_085		
Chlorotetracycline	LAB_P_SOP_100		

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Residues in Food Products (cont'd.)	Honey & honey products (cont'd.)	Ciprofloxacin	LAB_P_SOP_100
		Enrofloxacin	LAB_P_SOP_100
		Erythromycin	LAB_P_SOP_055
		Oxyteracycline	LAB_P_SOP_100
		Semicarbazide (SEM)	LAB_P_SOP_091
		Streptomycin	LAB_P_SOP_098
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Sulfathiazole	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ)	LAB_P_SOP_091
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_091
		Aminohydantoin (AHD)	LAB_P_SOP_091
		Ampicillin	LAB_P_SOP_092
		Chloramphenicol	LAB_P_SOP_085
Chlorotetracycline	LAB_P_SOP_100		
Ciprofloxacin	LAB_P_SOP_100		

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Residues in Food Products (cont'd.)	Honey & honey products (cont'd.)	Enrofloxacin	LAB_P_SOP_100
		Erythromycin	LAB_P_SOP_055
		Oxyteracycline	LAB_P_SOP_100
		Semicarbazide (SEM)	LAB_P_SOP_091
		Streptomycin	LAB_P_SOP_098
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Sulfathiazole	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Nitrofurazone	LAB_P_SOP_096
Nitrofurantoin	LAB_P_SOP_096		
Furaltadone	LAB_P_SOP_096		
Furazolidone	LAB_P_SOP_096		

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Effective Date August 26, 2025

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Meat & meat products	Albendazole	LAB_P_SOP_055
		Ampicillin	LAB_P_SOP_092
		Amprolium	LAB_P_SOP_055
		Apramycin	LAB_P_SOP_098
		Aristolochic acid A	LAB_P_SOP_056
		Carbadox	LAB_P_SOP_056
		Cefacetril	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Cephapirine	LAB_P_SOP_092
		Chloramphenicol	LAB_P_SOP_085
		Chlorpromazine	LAB_P_SOP_056
		Chlortetracycline	LAB_P_SOP_100
		Clenbuterol	LAB_P_SOP_056
		Clopidol	LAB_P_SOP_055
		Closantel	LAB_P_SOP_055
		Cloxacillin	LAB_P_SOP_092
		Colchicine	LAB_P_SOP_056
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Dapsone	LAB_P_SOP_056
Dimetridazole	LAB_P_SOP_056		
Diminazine	LAB_P_SOP_055		
Doramectin	LAB_P_SOP_055		
Erythromycin	LAB_P_SOP_055		

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Residues in Food Products (cont'd.)	Meat & meat products (cont'd.)	Febantel	LAB_P_SOP_055
		Fenbendazole	LAB_P_SOP_055
		Flumequine	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
		Iprnidazole	LAB_P_SOP_056
		Ivermectin	LAB_P_SOP_055
		Levamisole	LAB_P_SOP_055
		Lincomycin	LAB_P_SOP_055
		Malachite green	LAB_P_SOP_148
		Meloxicam	LAB_P_SOP_055
		Metabolite of Furaltadone (AMOZ)	LAB_P_SOP_091
		Metabolite of Furazolidone (AOZ)	LAB_P_SOP_091
		Metabolite of Nitrofurantoin (AHD)	LAB_P_SOP_091
		Metabolite of Nitrofurazone (SEM)	LAB_P_SOP_091
		Metronidazole	LAB_P_SOP_056
		Monensin	LAB_P_SOP_055
		Moxidectin	LAB_P_SOP_055
		Neomycin	LAB_P_SOP_098
		Nicarbazin	LAB_P_SOP_055
		Oxfendazole	LAB_P_SOP_055
		Oxybendazole	LAB_P_SOP_055
		Oxyclozamide	LAB_P_SOP_055
		Oxytetracycline	LAB_P_SOP_100
		Parbendazole	LAB_P_SOP_055
		Tylosin	LAB_P_SOP_055
		Praziquantel	LAB_P_SOP_055
Ronidazole	LAB_P_SOP_056		
Spectinomycin	LAB_P_SOP_098		
Sulafnilamide	LAB_P_SOP_100		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Meat & meat products (cont'd.)	Sulfachlorpyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimidine	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_056
		Sulfaquinoxalin	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Triclabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Virginamycin	LAB_P_SOP_055
		Albendazole	LAB_P_SOP_055
		Ampicillin	LAB_P_SOP_092
		Amprolium	LAB_P_SOP_055
		Apramycin	LAB_P_SOP_098
		Xylazine	LAB_P_SOP_055
		Aristolochic acid A	LAB_P_SOP_056
		Carbadox	LAB_P_SOP_056
		Cefacetril	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Cephapirine	LAB_P_SOP_092
		Chloramphenicol	LAB_P_SOP_085
		Chloropromazine	LAB_P_SOP_056
		Chlortetracycline	LAB_P_SOP_100
		Clenbuterol	LAB_P_SOP_056
		Clopidol	LAB_P_SOP_055
		Closantel	LAB_P_SOP_055
		Cloxacillin	LAB_P_SOP_092
Colchicine	LAB_P_SOP_056		
Crystal violet	LAB_P_SOP_148		
Danofloxacin	LAB_P_SOP_100		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Meat & meat products (cont'd.)	Dapsone	LAB_P_SOP_056
		Dimetridazole	LAB_P_SOP_056
		Diminazine	LAB_P_SOP_055
		Doramectin	LAB_P_SOP_055
		Erythromycin	LAB_P_SOP_055
		Febantel	LAB_P_SOP_055
		Fenbendazole	LAB_P_SOP_055
		Flumequine	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
		Iprnidazole	LAB_P_SOP_056
		Ivermectin	LAB_P_SOP_055
		Levamisole	LAB_P_SOP_055
		Lincomycin	LAB_P_SOP_055
		Malachite green	LAB_P_SOP_148
		Meloxicam	LAB_P_SOP_055
		Metabolite of Furaltadone (AMOZ)	LAB_P_SOP_091
		Metabolite of Furazolidone (AOZ)	LAB_P_SOP_091
		Metabolite of Nitrofurantoin (AHD)	LAB_P_SOP_091
		Metabolite of Nitrofurazone (SEM)	LAB_P_SOP_091
		Metronidazole	LAB_P_SOP_056
		Monensin	LAB_P_SOP_055
		Moxidectin	LAB_P_SOP_055
		Neomycin	LAB_P_SOP_098
		Nicarbazin	LAB_P_SOP_055
		Oxfendazole	LAB_P_SOP_055
		Oxybendazole	LAB_P_SOP_055
		Albendazole	LAB_P_SOP_055
		Ampicillin	LAB_P_SOP_092
Amprolium	LAB_P_SOP_055		

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Residues in Food Products (cont'd.)	Meat & meat products (cont'd.)	Apramycin	LAB_P_SOP_098
		Aristolochic acid A	LAB_P_SOP_056
		Oxyclozamide	LAB_P_SOP_055
		Oxytetracycline	LAB_P_SOP_100
		Parabendazole	LAB_P_SOP_055
		Praziquantel	LAB_P_SOP_055
		Ronidazole	LAB_P_SOP_056
		Spectinomycin	LAB_P_SOP_098
		Carbadox	LAB_P_SOP_056
		Cefacetil	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Cephapirine	LAB_P_SOP_092
		Sulfanilamide	LAB_P_SOP_100
		Sulfachlorpyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimidine	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_056
		Sulfaquinoxalin	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Triclabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Virginamycin	LAB_P_SOP_055
		Xylazine	LAB_P_SOP_055
		Chloramphenicol	LAB_P_SOP_085
		Chloropromazine	LAB_P_SOP_056
		Chlortetracycline	LAB_P_SOP_100
Clenbuterol	LAB_P_SOP_056		
Clopidol	LAB_P_SOP_055		
Closantel	LAB_P_SOP_055		

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Residues in Food Products (cont'd.)	Meat & meat products (cont'd.)	Cloxacillin	LAB_P_SOP_092
		Colchicine	LAB_P_SOP_056
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Dapsone	LAB_P_SOP_056
		Dimetridazole	LAB_P_SOP_056
		Diminazine	LAB_P_SOP_055
		Doramectin	LAB_P_SOP_055
		Erythromycin	LAB_P_SOP_055
		Febantel	LAB_P_SOP_055
		Fenbendazole	LAB_P_SOP_055
		Flumequine	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
		Iprnidazole	LAB_P_SOP_056
		Ivermectin	LAB_P_SOP_055
		Levamisole	LAB_P_SOP_055
		Lincomycin	LAB_P_SOP_055
		Malachite green	LAB_P_SOP_148
		Meloxicam	LAB_P_SOP_055
		Metabolite of Furaltadone (AMTZ)	LAB_P_SOP_091
		Metabolite of Furazolidone (AOZ)	LAB_P_SOP_091
		Metabolite of Nitrofurantoin (AHD)	LAB_P_SOP_091
		Metabolite of Nitrofurazone (SEM)	LAB_P_SOP_091
		Metronidazole	LAB_P_SOP_056
		Monensin	LAB_P_SOP_055
		Moxidectin	LAB_P_SOP_055
		Neomycin	LAB_P_SOP_098
		Nicarbazin	LAB_P_SOP_055
Oxfendazole	LAB_P_SOP_055		

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Residues in Food Products (cont'd.)	Meat & meat products (cont'd.)	Oxybendazole	LAB_P_SOP_055
		Oxyclozamide	LAB_P_SOP_055
		Oxytetracycline	LAB_P_SOP_100
		Parbendazole	LAB_P_SOP_055
		Praziquantel	LAB_P_SOP_055
		Ronidazole	LAB_P_SOP_056
		Spectinomycin	LAB_P_SOP_098
		Sulafnilamide	LAB_P_SOP_100
		Sulfachlorpyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimidine	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_056
		Sulfaquinoxalin	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Triclabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Virginamycin	LAB_P_SOP_055
		Xylazine	LAB_P_SOP_055
	Nitrofurantoin	LAB_P_SOP_096	
	Furaltadone	LAB_P_SOP_096	
	Furazolidone	LAB_P_SOP_096	
	Nitrofurazone	LAB_P_SOP_096	
	Milk & dairy products	Fenbendazole	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
		Ivermectin	LAB_P_SOP_055
		Lincomycin	LAB_P_SOP_055
Meloxicam		LAB_P_SOP_055	
Monensin		LAB_P_SOP_055	
Neomycin		LAB_P_SOP_098	

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Residues in Food Products (cont'd.)	Milk & dairy products (cont'd.)	Oxfendazole (Fenbendazole sulfoxide)	LAB_P_SOP_055
		Oxyclozanide	LAB_P_SOP_055
		Oxyteracycline	LAB_P_SOP_100
		Parbendazole	LAB_P_SOP_055
		Praziquantel	LAB_P_SOP_055
		Spectinomycin	LAB_P_SOP_098
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Virginiamycin	LAB_P_SOP_055
		Albendazole	LAB_P_SOP_055
		Ampicillin	LAB_P_SOP_092
		Apramycin	LAB_P_SOP_098
		Cefacetrile	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Chlortetracycline	LAB_P_SOP_100
		Diminazene	LAB_P_SOP_055
		Doramectin	LAB_P_SOP_055
		Febantel	LAB_P_SOP_055
		Fenbendazole	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
Ivermectin	LAB_P_SOP_055		
Lincomycin	LAB_P_SOP_055		
Meloxicam	LAB_P_SOP_055		

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Residues in Food Products (cont'd.)	Milk & dairy products (cont'd.)	Monensin	LAB_P_SOP_055
		Neomycin	LAB_P_SOP_098
		Oxfendazole (Fenbendazole sulfoxide)	LAB_P_SOP_055
		Oxyclozanide	LAB_P_SOP_055
		Oxyteracycline	LAB_P_SOP_100
		Parbendazole	LAB_P_SOP_055
		Praziquantel	LAB_P_SOP_055
		Spectinomycin	LAB_P_SOP_098
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Virginiamycin	LAB_P_SOP_055
		Albendazole	LAB_P_SOP_055
		Ampicillin	LAB_P_SOP_092
		Apramycin	LAB_P_SOP_098
		Cefacetrile	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Chlortetracycline	LAB_P_SOP_100
		Diminazene	LAB_P_SOP_055
		Doramectin	LAB_P_SOP_055
		Febantel	LAB_P_SOP_055
		Albendazole	LAB_P_SOP_055
Ampicillin	LAB_P_SOP_092		
Apramycin	LAB_P_SOP_098		

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Residues in Food Products (cont'd.)	Milk & dairy products (cont'd.)	Cefacetriple	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Chlortetracycline	LAB_P_SOP_100
		Diminazene	LAB_P_SOP_055
		Doramectin	LAB_P_SOP_055
		Febantel	LAB_P_SOP_055
		Fenbendazole	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
		Ivermectin	LAB_P_SOP_055
		Lincomycin	LAB_P_SOP_055
		Meloxicam	LAB_P_SOP_055
		Monensin	LAB_P_SOP_055
		Neomycin	LAB_P_SOP_098
		Oxfendazole (Fenbendazole sulfoxide)	LAB_P_SOP_055
		Oxyclozanide	LAB_P_SOP_055
		Oxyteracycline	LAB_P_SOP_100
		Parbendazole	LAB_P_SOP_055
		Praziquantel	LAB_P_SOP_055
		Spectinomycin	LAB_P_SOP_098
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
Tylosin	LAB_P_SOP_055		
Virginiamycin	LAB_P_SOP_055		
	Albendazole	LAB_P_SOP_055	

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Residues in Food Products (cont'd.)	Poultry & poultry products	Ampicillin	LAB_P_SOP_092
		Amprolium	LAB_P_SOP_055
		Apramycin	LAB_P_SOP_098
		Aristolochic acid A	LAB_P_SOP_056
		Carbadox	LAB_P_SOP_056
		Cefacetil	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Cephapirine	LAB_P_SOP_092
		Chloramphenicol	LAB_P_SOP_085
		Chlorpromazine	LAB_P_SOP_056
		Chlortetracycline	LAB_P_SOP_100
		Clenbuterol	LAB_P_SOP_056
		Clopidol	LAB_P_SOP_055
		Closantel	LAB_P_SOP_055
		Cloxacillin	LAB_P_SOP_092
		Colchicine	LAB_P_SOP_056
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Dapsone	LAB_P_SOP_056
		Dimetridazole	LAB_P_SOP_056
		Diminazine	LAB_P_SOP_055
		Doramectin	LAB_P_SOP_055
		Erythromycin	LAB_P_SOP_055
		Febantel	LAB_P_SOP_055
		Fenbendazole	LAB_P_SOP_055
		Flumequine	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
		Iprnidazole	LAB_P_SOP_056
Ivermectin	LAB_P_SOP_055		
Levamisole	LAB_P_SOP_055		
Lincomycin	LAB_P_SOP_055		

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Residues in Food Products (cont'd.)	Poultry & poultry products (cont'd.)	Malachite green	LAB_P_SOP_148
		Albendazole	LAB_P_SOP_055
		Ampicillin	LAB_P_SOP_092
		Meloxicam	LAB_P_SOP_055
		Metabolite of Furaltadone (AMOZ)	LAB_P_SOP_091
		Metabolite of Furazolidone (AOZ)	LAB_P_SOP_091
		Metabolite of Nitrofurantoin (AHD)	LAB_P_SOP_091
		Metabolite of Nitrofurazone (SEM)	LAB_P_SOP_091
		Metronidazole	LAB_P_SOP_056
		Monensin	LAB_P_SOP_055
		Moxidectin	LAB_P_SOP_055
		Amprolium	LAB_P_SOP_055
		Apramycin	LAB_P_SOP_098
		Aristolochic acid A	LAB_P_SOP_056
		Carbadox	LAB_P_SOP_056
		Cefacetril	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Cephapirine	LAB_P_SOP_092
		Chloramphenicol	LAB_P_SOP_085
		Chlorpromazine	LAB_P_SOP_056
		Chlortetracycline	LAB_P_SOP_100
		Clenbuterol	LAB_P_SOP_056
		Clopidol	LAB_P_SOP_055
		Closantel	LAB_P_SOP_055
		Cloxacillin	LAB_P_SOP_092
		Colchicine	LAB_P_SOP_056
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Dapsone	LAB_P_SOP_056

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Residues in Food Products (cont'd.)	Poultry & poultry products (cont'd.)	Dimetridazole	LAB_P_SOP_056
		Diminazine	LAB_P_SOP_055
		Doramectin	LAB_P_SOP_055
		Neomycin	LAB_P_SOP_098
		Nicarbazin	LAB_P_SOP_055
		Oxfendazole	LAB_P_SOP_055
		Erythromycin	LAB_P_SOP_055
		Febantel	LAB_P_SOP_055
		Fenbendazole	LAB_P_SOP_055
		Flumequine	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
		Iprnidazole	LAB_P_SOP_056
		Ivermectin	LAB_P_SOP_055
		Oxybendazole	LAB_P_SOP_055
		Oxyclonazide	LAB_P_SOP_055
		Levamisole	LAB_P_SOP_055
		Lincomycin	LAB_P_SOP_055
		Malachite green	LAB_P_SOP_148
		Meloxicam	LAB_P_SOP_055
		Metabolite of Furaltadone (AMTZ)	LAB_P_SOP_091
		Metabolite of Furazolidone (AOZ)	LAB_P_SOP_091
		Metabolite of Nitrofurantoin (AHD)	LAB_P_SOP_091
		Metabolite of Nitrofurazone (SEM)	LAB_P_SOP_091
		Metronidazole	LAB_P_SOP_056
		Monensin	LAB_P_SOP_055
		Moxidectin	LAB_P_SOP_055
		Neomycin	LAB_P_SOP_098
Nicarbazin	LAB_P_SOP_055		
Oxytetracycline	LAB_P_SOP_100		

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Residues in Food Products (cont'd.)	Poultry & poultry products (cont'd.)	Parbendazole	LAB_P_SOP_055
		Praziquantel	LAB_P_SOP_055
		Ronidazole	LAB_P_SOP_056
		Spectinomycin	LAB_P_SOP_098
		Sulafnilamide	LAB_P_SOP_100
		Sulfachlorpyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Oxfendazole	LAB_P_SOP_055
		Oxybendazole	LAB_P_SOP_055
		Oxyclozoxide	LAB_P_SOP_055
		Oxytetracycline	LAB_P_SOP_100
		Parbendazole	LAB_P_SOP_055
		Praziquantel	LAB_P_SOP_055
		Sulfadimidine	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_056
		Sulfaquinoxalin	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Triclabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Virginamycin	LAB_P_SOP_055
		Xylazine	LAB_P_SOP_055
		Xylazine	LAB_P_SOP_055
		Ronidazole	LAB_P_SOP_056
		Spectinomycin	LAB_P_SOP_098
		Sulafnilamide	LAB_P_SOP_100
		Sulfachlorpyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimidine	LAB_P_SOP_100
Sulfamethoxazole	LAB_P_SOP_056		

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Residues in Food Products (cont'd.)	Poultry & poultry products (cont'd.)	Sulfaquinolaxin	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Triclabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Virginamycin	LAB_P_SOP_055
		Xylazine	LAB_P_SOP_055
		Xylazine	LAB_P_SOP_055
		Albendazole	LAB_P_SOP_055
		Ampicillin	LAB_P_SOP_092
		Amprolium	LAB_P_SOP_055
		Apramycin	LAB_P_SOP_098
		Aristolochic acid A	LAB_P_SOP_056
		Carbadox	LAB_P_SOP_056
		Cefacetril	LAB_P_SOP_092
		Ceftiofur	LAB_P_SOP_092
		Cephapirine	LAB_P_SOP_092
		Chloramphenicol	LAB_P_SOP_085
		Chlorpromazine	LAB_P_SOP_056
		Chlortetracycline	LAB_P_SOP_100
		Clenbuterol	LAB_P_SOP_056
		Clopidol	LAB_P_SOP_055
		Closantel	LAB_P_SOP_055
		Cloxacillin	LAB_P_SOP_092
		Colchicine	LAB_P_SOP_056
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
Dapsone	LAB_P_SOP_056		
Dimetridazole	LAB_P_SOP_056		
Diminazine	LAB_P_SOP_055		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Poultry & poultry products (cont'd.)	Doramectin	LAB_P_SOP_055
		Erythromycin	LAB_P_SOP_055
		Febantel	LAB_P_SOP_055
		Fenbendazole	LAB_P_SOP_055
		Flumequine	LAB_P_SOP_055
		Flunixin	LAB_P_SOP_055
		Iprnidazole	LAB_P_SOP_056
		Ivermectin	LAB_P_SOP_055
		Levamisole	LAB_P_SOP_055
		Lincomycin	LAB_P_SOP_055
		Malachite green	LAB_P_SOP_148
		Meloxicam	LAB_P_SOP_055
		Metabolite of Furaltadone (AMTZ)	LAB_P_SOP_091
		Metabolite of Furazolidone (AOZ)	LAB_P_SOP_091
		Metabolite of Nitrofurantoin (AHD)	LAB_P_SOP_091
		Metabolite of Nitrofurazone (SEM)	LAB_P_SOP_091
		Metronidazole	LAB_P_SOP_056
		Monensin	LAB_P_SOP_055
		Moxidectin	LAB_P_SOP_055
		Neomycin	LAB_P_SOP_098
		Nicarbazin	LAB_P_SOP_055
		Oxfendazole	LAB_P_SOP_055
		Oxybendazole	LAB_P_SOP_055
		Oxyclozide	LAB_P_SOP_055
		Oxytetracycline	LAB_P_SOP_100
		Parbendazole	LAB_P_SOP_055
Praziquantel	LAB_P_SOP_055		
Ronidazole	LAB_P_SOP_056		
Spectinomycin	LAB_P_SOP_098		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Poultry & poultry products (cont'd.)	Sulafnilamide	LAB_P_SOP_100
		Sulfachlorpyrazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimidine	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_056
		Sulfaquinoxalin	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
		Thiabendazole	LAB_P_SOP_055
		Triclabendazole	LAB_P_SOP_055
		Trimethoprim	LAB_P_SOP_100
		Tylosin	LAB_P_SOP_055
		Virginamycin	LAB_P_SOP_055
		Xylazine	LAB_P_SOP_055
		Xylazine	LAB_P_SOP_055
		Nitrofurazone	LAB_P_SOP_096
		Nitrofurantoin	LAB_P_SOP_096
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
	Prawn & Prawn Products	3,5-morpholinomethyl-2-oxazolidinone (AMOZ)	3,5-morpholinomethyl-2-oxazolidinone (AMOZ)
		4-epi Chlorotetracycline	LAB_P_SOP_100
		4-epi oxytetracycline	LAB_P_SOP_100
		4-epi Tetracycline	LAB_P_SOP_100
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_044
		Aminohydantoin (AHD)	LAB_P_SOP_044
		Chloramphenicol	LAB_P_SOP_043
		Chlortetracycline	LAB_P_SOP_100
		Ciprofloxacin	LAB_P_SOP_100
		Crystal violet	LAB_P_SOP_096
Danofloxacin	LAB_P_SOP_100		
Difloxacin	LAB_P_SOP_100		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Prawn & Prawn Products (cont'd.)	Doxycycline	LAB_P_SOP_100
		Enrofloxacin	LAB_P_SOP_100
		Florfenicol	LAB_P_SOP_043
		Flumequine	LAB_P_SOP_100
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
		Leuco Crystal Violet	LAB_P_SOP_148
		Leuco Malachite Green	LAB_P_SOP_148
		Malachite green	LAB_P_SOP_148
		Nalidixic acid	LAB_P_SOP_100
		Nitrofurantoin	LAB_P_SOP_096
		Nitrofurazone	LAB_P_SOP_096
		Norfloxacin	LAB_P_SOP_100
		Oxolinic Acid	LAB_P_SOP_100
		Oxyteracycline	LAB_P_SOP_100
		Sarafloxacin	LAB_P_SOP_100
		Semicarbazide (SEM)	LAB_P_SOP_044
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
Sulfapyridine	LAB_P_SOP_100		
Sulfaquinoxaline	LAB_P_SOP_100		
Sulfathiazole	LAB_P_SOP_100		



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Prawn & Prawn Products (cont'd.)	Tetracycline	Tetracycline
		Trimethoprim	LAB_P_SOP_100
		3,5-morpholinomethyl-2-oxazolidinone (AMOZ)	LAB_P_SOP_044
		4-epi Chlorotetracycline	LAB_P_SOP_100
		4-epi oxytetracycline	LAB_P_SOP_100
		4-epi Tetracycline	LAB_P_SOP_100
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_044
		Aminohydantoin (AHD)	LAB_P_SOP_044
		Chloramphenicol	LAB_P_SOP_043
		Chlortetracycline	LAB_P_SOP_100
		Ciprofloxacin	LAB_P_SOP_100
		Crystal violet	LAB_P_SOP_096
		Danofloxacin	LAB_P_SOP_100
		Difloxacin	LAB_P_SOP_100
		Doxycycline	LAB_P_SOP_100
		Enrofloxacin	LAB_P_SOP_100
		Florfenicol	LAB_P_SOP_043
		Flumequine	LAB_P_SOP_100
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
		Leuco Crystal Violet	LAB_P_SOP_148
		Leuco Malachite Green	LAB_P_SOP_148
		Malachite green	LAB_P_SOP_148
		Nalidixic acid	LAB_P_SOP_100
		Nitrofurantoin	LAB_P_SOP_096
		Nitrofurazone	LAB_P_SOP_096
		Norfloxacin	LAB_P_SOP_100
		Oxolinic Acid	LAB_P_SOP_100
Oxyteracycline	LAB_P_SOP_100		
Sarafloxacin	LAB_P_SOP_100		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Prawn & Prawn Products (cont'd.)	Semicarbazide (SEM)	LAB_P_SOP_044
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Sulfathiazole	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
	Trimethoprim	LAB_P_SOP_100	
	Shrimps	3,5-morpholinomethyl-2-oxazolidinone (AMOZ)	LAB_P_SOP_044
		4-epi Chlorotetracycline	LAB_P_SOP_100
		4-epi oxytetracycline	LAB_P_SOP_100
		4-epi Tetracycline	LAB_P_SOP_100
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_044
		Aminohydantoin (AHD)	LAB_P_SOP_044
		Chloramphenicol	LAB_P_SOP_043
		Chlorotetracycline	LAB_P_SOP_100
		Ciprofloxacin	LAB_P_SOP_100
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Difloxacin	LAB_P_SOP_100
Doxycycline		LAB_P_SOP_100	

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Shrimps (cont'd.)	Enrofloxacin	LAB_P_SOP_100
		Florfenicol	LAB_P_SOP_043
		Flumequine	LAB_P_SOP_100
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
		Leuco Crystal Violet	LAB_P_SOP_148
		Leuco Malachite Green	LAB_P_SOP_148
		Malachite green	LAB_P_SOP_148
		Nalidixic acid	LAB_P_SOP_100
		Nitrofurantoin	LAB_P_SOP_096
		Nitrofurazone	LAB_P_SOP_096
		Norfloxacin	LAB_P_SOP_100
		Oxolinic Acid	LAB_P_SOP_100
		Oxyteracycline	LAB_P_SOP_100
		Sarafloxacin	LAB_P_SOP_100
		Semicarbazide (SEM)	LAB_P_SOP_044
		Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
Sulfaquinoxaline	LAB_P_SOP_100		
Sulfathiazole	LAB_P_SOP_100		
Tetracycline	LAB_P_SOP_100		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Residues in Food Products (cont'd.)	Shrimps (cont'd.)	Trimethoprim	LAB_P_SOP_100
		3,5-morpholinomethyl-2-oxazolidinone (AMOZ)	LAB_P_SOP_044
		4-epi Chlorotetracycline	LAB_P_SOP_100
		4-epi oxytetracycline	LAB_P_SOP_100
		4-epi Tetracycline	LAB_P_SOP_100
		Amino Oxazolidinone (AOZ)	LAB_P_SOP_044
		Aminohydantoin (AHD)	LAB_P_SOP_044
		Chloramphenicol	LAB_P_SOP_043
		Chlorotetracycline	LAB_P_SOP_100
		Ciprofloxacin	LAB_P_SOP_100
		Crystal violet	LAB_P_SOP_148
		Danofloxacin	LAB_P_SOP_100
		Difloxacin	LAB_P_SOP_100
		Doxycycline	LAB_P_SOP_100
		Enrofloxacin	LAB_P_SOP_100
		Florfenicol	LAB_P_SOP_043
		Flumequine	LAB_P_SOP_100
		Furaltadone	LAB_P_SOP_096
		Furazolidone	LAB_P_SOP_096
		Leuco Crystal Violet	LAB_P_SOP_148
		Leuco Malachite Green	LAB_P_SOP_148
		Malachite green	LAB_P_SOP_148
		Nalidixic acid	LAB_P_SOP_100
		Nitrofurantoin	LAB_P_SOP_096
		Nitrofurazone	LAB_P_SOP_096
		Norfloxacin	LAB_P_SOP_100
		Oxolinic Acid	LAB_P_SOP_100
		Oxyteracycline	LAB_P_SOP_100
Sarafloxacin	LAB_P_SOP_100		
Semicarbazide (SEM)	LAB_P_SOP_044		

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Residues in Food Products (cont'd.)	Shrimps (cont'd.)	Sulfachloropyrazine	LAB_P_SOP_100
		Sulfachloropyridazine	LAB_P_SOP_100
		Sulfadiazine	LAB_P_SOP_100
		Sulfadimethoxine	LAB_P_SOP_100
		Sulfadoxine	LAB_P_SOP_100
		Sulfamerazine	LAB_P_SOP_100
		Sulfamethazine (Sulfadimidine)	LAB_P_SOP_100
		Sulfamethizole	LAB_P_SOP_100
		Sulfamethoxazole	LAB_P_SOP_100
		Sulfamethoxypyridazine	LAB_P_SOP_100
		Sulfanilamide	LAB_P_SOP_100
		Sulfapyridine	LAB_P_SOP_100
		Sulfaquinoxaline	LAB_P_SOP_100
		Sulfathiazole	LAB_P_SOP_100
		Tetracycline	LAB_P_SOP_100
Trimethoprim	LAB_P_SOP_100		



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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Marine /Aqua culture Food Products	Crab & Crab Products	Acidity as Citric acid	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.2
		Ash	AOAC 938.08, Chapter 35
		Colour	LAB_P_SOP_453
		Crude Fat	AOAC 948.15, Chapter 35
		Disintegrated Portion as percent of drained weight	AOAC 963.18, Chapter 35
		Drained weight as % Of water Capacity	IS 2860
		Flavour	LAB_P_SOP_453
		Head Space	FSSAI manual of Methods of Analysis of Fruits and Vegetables 1.3.20
		Moisture	AOAC 952.08, Chapter 35
		Net Contents of Frozen seafoods Drained Weight	AOAC 963.18, Chapter 35
		Nitrogen	AOAC 940.25, Chapter 35
		Odour	LAB_P_SOP_453
		Percent of water in Drained Liquid	AOAC 952.08, Chapter 35
		pH	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Salt	AOAC 937.09, Chapter 35
		Sulphur Dioxide	AOAC 990.28 Chapter 47
		Texture	LAB_P_SOP_453
Total Volatile Base Nitrogen(TVBN)	LAB_P_SOP_129		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Marine /Aqua culture Food Products (cont'd.)	Crab & Crab Products (cont'd.)	Water activity @ 25 degree C	LAB_P_SOP_300
	Fish & Fish Products	Acid insoluble ash	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Acidity as acetic acid of Fluid portion	IS 14515
		Acidity as Citric acid	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.2
		Ash	AOAC 938.08, Chapter 35
		Colour	LAB_P_SOP_453
		Crude Fat	AOAC 948.15, Chapter 35
		Disintegrated Portion as percent of drained weight	AOAC 963.18, Chapter 35
		Drained weight as % of water Capacity	IS 2860
		Flavour	LAB_P_SOP_453
		Fluid Portion	IS 14515
		Head Space	FSSAI manual of Methods of Analysis of Fruits and Vegetables 1.3.20
		Moisture	AOAC 952.08, Chapter 35
		Net Contents of Frozen seafoods Drained Weight	AOAC 963.18, Chapter 35
		Nitrogen	AOAC 940.25, Chapter 35
		Odour	LAB_P_SOP_453
		Percent of water in Drained Liquid	AOAC 952.08, Chapter 35
		pH	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		pH	IS 14515
		Salt	AOAC 937.09, Chapter 35
Sodium chloride	IS 14515		
Sulphur Dioxide	AOAC 990.28 Chapter 47		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Marine /Aqua culture Food Products (cont'd.)	Fish & Fish Products (cont'd.)	Texture	LAB_P_SOP_453
		Total Volatile Base Nitrogen(TVBN)	LAB_P_SOP_129
		Water activity @25 degree C	LAB_P_SOP_300
		Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
		Sodium	Lab_P_SOP_416
		Zinc	Lab_P_SOP_316
	Cephalopods	Acid insoluble ash	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Acidity as Citric acid	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.2
		Ash	AOAC 938.08, Chapter 35
		Colour	LAB_P_SOP_453
		Crude Fat	AOAC 948.15, Chapter 35
		Disintegrated Portion as percent of drained weight	AOAC 963.18, Chapter 35
		Drained weight as % of water Capacity	IS 2860
		Flavour	LAB_P_SOP_453
		Head Space	FSSAI manual of Methods of Analysis of Fruits and Vegetables 1.3.20
		Moisture	AOAC 952.08, Chapter 35
		Net Contents of Frozen seafoods Drained Weight	AOAC 963.18, Chapter 35
		Nitrogen	AOAC 940.25, Chapter 35
		Odour	LAB_P_SOP_453
Percent of water in Drained Liquid	AOAC 952.08, Chapter 35		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Marine /Aqua culture Food Products (cont'd.)	Cephalopods (cont'd.)	pH	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Salt	AOAC 937.09, Chapter 35
		Sulphur Dioxide	AOAC 990.28 Chapter 47
		Texture	LAB_P_SOP_453
		Total Volatile Base Nitrogen(TVBN)	LAB_P_SOP_129
		Water activity @ 25 degree C	LAB_P_SOP_300
	Shrimps/Prawn & Prawn products/Fish & Fish Products/cephalopods	Acid Insoluble Ash	LAB_P_SOP_248
		Added Phosphate	LAB_P_SOP_301
		Added Sugar as Sucrose	FSSAI Manual of Methods of Analysis of Fruit and Vegetbale products 2.6 2006
		Agaric Acid	LAB_P_SOP_458
		Alanine	LAB_P_SOP_313
		Arachidic Acid (C20:0)	AOAC 996.06, Chapter 41
		Arachidonic Acid (C20:4n6)	AOAC 996.06, Chapter 41
		Arginine	LAB_P_SOP_313
		Ascorbic Acid (Vitmain C)	LAB_P_SOP_223
		Ascorbic Acid (Vitmain C)	LAB_P_SOP_064
		Ash	LAB_P_SOP_421
		Aspartic Acid	LAB_P_SOP_313
		Behenic Acid (C22:0)	AOAC 996.06, Chapter 41
		Benzoates	LAB_P_SOP_183
		Butylated hydroxyanisole (BHA)	AOAC 983.15, chapter 47
		Butylated hydroxytoluene (BHT)	AOAC 983.15, chapter 47
		Butyric Acid (C4:0)	AOAC 996.06, Chapter 41
		Capric Acid (C10:0)	AOAC 996.06, Chapter 41
		Caproic Acid (C6:0)	AOAC 996.06, Chapter 41
		Caprylic Acid (C8:0)	AOAC 996.06, Chapter 41
		Carbohydrate	IS 1656

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Marine /Aqua culture Food Products (cont'd.)	Shrimps/Prawn & Prawn products/Fish & Fish Products/cephalopods (cont'd.)	Carbohydrate	FSSAI manual of Methods of Analysis of Milk and Milk products 10.5
		Cholesterol	AOAC 996.06, Chapter 41
		Cholesterol	LAB_P_SOP_230
		Choline	LAB_P_SOP_459
		cis-10-Heptadecanoic Acid (C17:1)	AOAC 996.06, Chapter 41
		cis-10-Pentadecanoic Acid (C15:1)	AOAC 996.06, Chapter 41
		cis-11,14,17-Eicosatrienoic Acid (C20:3n3)	AOAC 996.06, Chapter 41
		cis-11,14-Eicosadienoic Acid (C20:2)	AOAC 996.06, Chapter 41
		cis-11-Eicosenoic Acid (C20:1)	AOAC 996.06, Chapter 41
		cis-13,16-Docosadienoic Acid (C22:2)	AOAC 996.06, Chapter 41
		cis-4,7,10,13,16,19-Docosahexaenoic Acid (C22:6n3)	AOAC 996.06, Chapter 41
		cis-5,8,11,14,17-Eicosapentaenoic Acid (C20:5n3)	AOAC 996.06, Chapter 41
		cis-8,11,14-Eicosatrienoic Acid (C20:3n6)	AOAC 996.06, Chapter 41
		Citric acid	LAB_P_SOP_470
		Cystine	LAB_P_SOP_313
		Elaidic Acid (C18:1n9t)	AOAC 996.06, Chapter 41
		Energy	LAB_P_SOP_239
		Energy from Fat	LAB_P_SOP_239
		Erucic Acid (C22:1n9)	AOAC 996.06, Chapter 41
		Fat	LAB_P_SOP_073
		Formaldehyde	Manual of Analytical Methods for Fish and Fishery Products
		Gama()Linolenic Acid (C18:3n6)	AOAC 996.06, Chapter 41
		Glutamic Acid	LAB_P_SOP_313
Glycine	LAB_P_SOP_313		

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Marine /Aqua culture Food Products (cont'd.)	Shrimps/Prawn & Prawn products/Fish & Fish Products/cephalopods (cont'd.)	Heneicosanoic Acid (C21:0)	AOAC 996.06, Chapter 41
		Heptadecanoic Acid (C17:0)	AOAC 996.06, Chapter 41
		Histidine	LAB_P_SOP_313
		Hydrocyanic acid	AOAC 915.03, Chapter 20
		Hypericine	LAB_P_SOP_458
		Indole	LAB_P_SOP_275
		Insoluble Dietary Fiber	AOAC 991.43 Chapter 32
		Insoluble Dietary Fiber	AOAC 991.43 Chapter 32
		Isoleucine	LAB_P_SOP_313
		Lauric Acid (C12:0)	AOAC 996.06, Chapter 41
		Leucine	LAB_P_SOP_313
		Lignoceric Acid (C24:0)	AOAC 996.06, Chapter 41
		Linoleic Acid (C18:2n6c)	AOAC 996.06, Chapter 41
		Linolelaidic Acid(C18:2n6t)	AOAC 996.06, Chapter 41
		Linolenic Acid (C18:3n3)	AOAC 996.06, Chapter 41
		Lysine	LAB_P_SOP_313
		Methionine	LAB_P_SOP_313
		Moisture	LAB_P_SOP_247
		Mono-UnSaturated Fatty Acids(MUFA)	AOAC 996.06, Chapter 41
		Myristic Acid (C14:0)	AOAC 996.06, Chapter 41
		Myristoleic Acid (C14:1)	AOAC 996.06, Chapter 41
		Nervonic Acid (C24:1)	AOAC 996.06, Chapter 41
		Oleic Acid (C18:1n9c)	AOAC 996.06, Chapter 41
		Omega 3 Fatty Acids	AOAC 996.06, Chapter 41
		Omega 6 Fatty Acids	AOAC 996.06, Chapter 41
		Omega 9 Fatty Acids	AOAC 996.06, Chapter 41
		Palmitic Acid (C16:0)	AOAC 996.06, Chapter 41
		Palmitoleic Acid (C16:1)	AOAC 996.06, Chapter 41
		Pentadecanoic Acid (C15:0)	AOAC 996.06, Chapter 41

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Chemical -Marine /Aquaculture Food Products (cont'd.)	Shrimps/Prawn & Prawn products/Fish & Fish Products/cephalopods (cont'd.)	pH	LAB_P_SOP_441
		pH	LAB_P_SOP_441
		Phenylalanine	LAB_P_SOP_313
		Phosphates	LAB_P_SOP_190
		Poly-UnSaturated Fatty Acids(PUFA)	AOAC 996.06, Chapter 41
		Proline	LAB_P_SOP_313
		Protein	IS 7219
		Protein	LAB_P_SOP_339
		Saffrole	LAB_P_SOP_458
		Salt as NaCl	FSSAI Manual of Methods of Analysis of MEAT AND MEAT PRODUCTS & FISH AND FISH PRODUCTS 2.3
		Saturated Fatty Acids	AOAC 996.06, Chapter 41
		Serin	LAB_P_SOP_313
		Soluble Dietary Fiber	AOAC 991.43 Chapter 32
		Soluble Dietary Fiber	AOAC 991.43 Chapter 32
		Sorbates	LAB_P_SOP_183
		Stearic Acid (C18:0)	AOAC 996.06, Chapter 41
		Sulphites	AOAC 990.28 Chapter 47
		Sulphites	AOAC 990.28 Chapter 47
		Theronine	LAB_P_SOP_313
		Total Dietary Fiber	AOAC 991.43 Chapter 32
		Total Dietary Fiber	AOAC 991.43 Chapter 32
		Total Sugar	FSSAI Manual of Methods of Analysis of Fruit and Vegetbale products 2.6
		Trans Fatty Acids	AOAC 996.06, Chapter 41
		Tricosanoic Acid (C23:0)	AOAC 996.06, Chapter 41
		Tridecanoic Acid (C13:0)	AOAC 996.06, Chapter 41
		Tryptophan	LAB_P_SOP_313
		Tyrosine	LAB_P_SOP_313
Undecanoic Acid (C11:0)	AOAC 996.06, Chapter 41		

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Chemical -Marine /Aquaculture Food Products (cont'd.)	Shrimps/Prawn & Prawn products/Fish & Fish Products/cephalopods (cont'd.)	Valine	LAB_P_SOP_313
		Vitamin A	LAB_P_SOP_224
		Vitamin A	LAB_P_SOP_182
		Vitamin B1(Thiamin)	LAB_P_SOP_272
		Vitamin B12 (Cyanocoblamine)	LAB_P_SOP_272
		Vitamin B12 (Cyanocoblamine)	BLR_LAB_SOP_321
		Vitamin B2 (Riboflavin)	LAB_P_SOP_272
		Vitamin B3 (Niacinamide & Nicotinic Acid)	LAB_P_SOP_272
		Vitamin B5 (Pantothenic acid)	LAB_P_SOP_272
		Vitamin B6 (Pyridoxine)	LAB_P_SOP_272
		Vitamin B7 (Biotin)	LAB_P_SOP_272
		Vitamin B7 (Biotin)	BLR_LAB_SOP_319
		Vitamin B9 (Folic acid)	BLR_LAB_SOP_320
		Vitamin B9 (Folic acid)	LAB_P_SOP_272
		Vitamin D (Ergocalciferol & Cholecalciferol)	LAB_P_SOP_182
		Vitamin D (Ergocalciferol & Cholecalciferol)	AOAC 2016.05, Chapter 50
		Vitamin E	LAB_P_SOP_224
		Vitamin K (Phytonadione, Menaquinone)	LAB_P_SOP_365
		Vitamin K3 (Menadione)	LAB_P_SOP_365
		Water activity @ 25 degree C	LAB_P_SOP_300
	Histamine	LAB_P_SOP_199	
	Prawn & Prawn Products	Acid insoluble ash	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Acidity as Citric acid	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.2
		Ash	AOAC 938.08, Chapter 35

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Marine /Aqua culture Food Products (cont'd.)	Prawn & Prawn Products (cont'd.)	Colour	LAB_P_SOP_453
		Crude Fat	AOAC 948.15, Chapter 35
		Disintegrated Portion as percent of drained weight	AOAC 963.18, Chapter 35
		Drained weight as % of water Capacity	IS 2860
		Flavour	LAB_P_SOP_453
		Head Space	FSSAI manual of Methods of Analysis of Fruits and Vegetables 1.3.20
		Moisture	AOAC 952.08, Chapter 35
		Net Contents of Frozen seafoods Drained Weight	AOAC 963.18, Chapter 35
		Nitrogen	AOAC 940.25, Chapter 35
		Odour	LAB_P_SOP_453
		Percent of water in Drained Liquid	AOAC 952.08, Chapter 35
		pH	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Salt	AOAC 937.09, Chapter 35
		Sulphur Dioxide	AOAC 990.28 Chapter 47
		Texture	LAB_P_SOP_453
		Total Volatile Base Nitrogen(TVBN)	LAB_P_SOP_129
		Water activity @ 25 degree C	LAB_P_SOP_300
		Calcium	Lab_P_SOP_416
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Phosphorous	Lab_P_SOP_416
		Potassium	Lab_P_SOP_416
	Sodium	Lab_P_SOP_416	
Zinc	Lab_P_SOP_416		
	Shrimps	Acid insoluble ash	FSSAI manual of Methods of Analysis of Meat and Meat

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Chemical -Marine /Aqua culture Food Products (cont'd.)	Shrimps (cont'd.)		Products & Fish and Fish Products 3.1
		Acidity as Citric acid	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.2
		Ash	AOAC 938.08, Chapter 35
		Calcium	Lab_P_SOP_416
		Can Exterior	LAB_P_SOP_453
		Colour	LAB_P_SOP_453
		Crude Fat	AOAC 948.15, Chapter 35
		Disintegrated Portion as percent of drained weight	AOAC 963.18, Chapter 35
		Drained weight as % of water Capacity	IS 2860
		Flavour	LAB_P_SOP_453
		Head Space	FSSAI manual of Methods of Analysis of Fruits and Vegetables 1.3.20
		Iron	Lab_P_SOP_416
		Magnesium	Lab_P_SOP_416
		Moisture	AOAC 952.08, Chapter 35
		Net Contents of Frozen seafoods Drained Weight	AOAC 963.18, Chapter 35
		Nitrogen	AOAC 940.25, Chapter 35
		Odour	LAB_P_SOP_453
		Percent of water in Drained Liquid	AOAC 952.08, Chapter 35
		pH	FSSAI manual of Methods of Analysis of Meat and Meat Products & Fish and Fish Products 3.1
		Phosphorous	Lab_P_SOP_416
Potassium	Lab_P_SOP_416		
Salt	AOAC 937.09, Chapter 35		
Sodium	Lab_P_SOP_416		
Sulphur Dioxide	AOAC 990.28 Chapter 47		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Marine /Aqua culture Food Products (cont'd.)	Shrimps (cont'd.)	Texture	LAB_P_SOP_453
		Total Volatile Base Nitrogen(TVBN)	LAB_P_SOP_129
		Water activity @ 25 degree C	LAB_P_SOP_300
		Zinc	Lab_P_SOP_416
Chemical -Water	Drinking Water	Alkalinity	IS 3025 (Part 23)
		Ammonia	IS 3025 (Part 34)
		Anionic Surface Active Agents	IS 13428 Annexure K
		Calcium	IS 3025 (Part 40)
		Chloramines	IS 3025 Part 26
		Chloride	IS 3025 (Part 32)
		Colour	IS 3025 part 4
		Cyanide	IS 3025 (Part 27/Sec 1)
		Flouride	IS 3025 (Part 60)
		Magnesium	IS 3025 (Part 46)
		Mineral Oil	IS 3025 part 39
		Nitrate	APHA 23rd Edition 4500 NO3 - B
		Odour	IS 3025 Part 5
		pH value	IS 3025 (Part 11)
		Phenolic compounds	IS 3025 (Part 43/Sec 1)
		Residual Free Chlorine	IS 3025 part 26
		Sulphate	IS 3025 (Part 24/Sec 1)
		Sulphide	IS 3025 (Part 29)
		Taste	IS 3025 (Part 8)
		Total dissolved solids	IS 3025 (Part 16)
		Total Hardness	IS 3025 (Part 21)
		Turbidity	IS 3025 (Part 10)
	Dissolved bromate	IS 3025 (Part 67) (ISO 15061:2001) Reaff. 2023	
Fluoride	IS 3025 (Part 60) 2023		
	Water Processed & Drinking water	Oxidisability	5220 B, APHA 23rd Edition

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE	
Chemical -Water (cont'd.)	Borewell water, Raw Water	Alkalinity	IS 3025 (Part 23)	
		Ammonia	IS 3025 (Part 34)	
		Anionic Surface Active Agents	IS 13428 Annexure K	
		Calcium	IS 3025 (Part 40)	
		Chloramines	IS 3025 Part 26	
		Chloride	IS 3025 (Part 32)	
		Colour	IS 3025 Part 4	
		Cyanide	IS 3025 (Part 27/Sec 1)	
		Fluoride	IS 3025 (Part 60)	
		Magnesium	IS 3025 (Part 46)	
		Mineral Oil	IS 3025 Part 39	
		Nitrate	APHA 23rd Edition 4500 NO3 - B	
		Odour	IS 3025 part 5	
		pH Value	IS 3025 (Part 11)	
		Phenolic Compounds	IS 3025 (Part 43/Sec 1)	
		Residual Free Chlorine	IS 3025 Part 26	
		Sulphate	IS 3025 (Part 24/Sec 1)	
		Sulphide	IS 3025 (Part 29)	
		Taste	IS 3025 (Part 8)	
	Total Dissolved Solids	IS 3025 (Part 16)		
	Total Hardness	IS 3025 (Part 21)		
	Turbidity	IS 3025 (Part 10)		
		Industrial Process Water, Reagent Grade Water	Absorbance at 254 nm and 1 cm optical path length	ISO 3696 SUB CLAUSE 7.4
			Alkalinity	IS 3025 (Part 23)
			Ammonia	IS 3025 (Part 34)
			Anionic Surface Active Agents	IS 13428 Annexure K
			Calcium	IS 3025 (Part 40)
			Chloramines	APHA 23rd Edition 4500 Cl - G
	Chloride		IS 3025 (Part 32)	

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Water (cont'd.)	Industrial Process Water, Reagent Grade Water (cont'd.)	Colour	IS 3025 Part 4
		Colour retention of KMnO ₄ (Oxidisable matter)	IS 1070 ANNEX A
		Cyanide	IS 3025 (Part 27/Sec 1)
		Electrical Conductivity	ISO 3696 SUB CLAUSE 7.2
		Fluoride	IS 3025 (Part 60)
		Hexavalent Chromium	IS 3025 (Part 52)
		Magnesium	IS 3025 (Part 46)
		Mineral Oil	IS 3025 Part 39
		Nitrate	APHA 23rd Edition 4500 NO ₃ - B
		Odour	IS 3025 Part 5
		Oxidisable matter	ISO 3696 SUB CLAUSE 7.3
		pH Value	IS 3025 (Part 11)
		pH Value	ISO 3696 SUB CLAUSE 7.1
		Phenolic Compounds	IS 3025 (Part 43/Sec 1)
		Residual Free Chlorine	IS 3025 Part 26
		Residue after evaporation on heating at 110°C	ISO 3696 SUB CLAUSE 7.5
		Specific Conductance	IS 3025 (Part 14)
		Sulphate	IS 3025 (Part 24/Sec 1)
		Sulphide	IS 3025 (Part 29)
		Taste	IS 3025 (Part 8)
	Total Dissolved Solids	IS 3025 (Part 16)	
	Total Hardness	IS 3025 (Part 21)	
	Total Silica as SiO ₂	ISO 3696 SUB CLAUSE 7.6	
	Total Silica as SiO ₂	IS 3025 (Part 35)	
	Total Solids	IS 3025 (Part 15)	
	Turbidity	IS 3025 (Part 10)	
		Ice Flakes, Cooling Tower Water, Chiller Water, Steam Condensed Water,	Oxidisable matter
		Absorbance at 254 nm and 1 cm optical path length	ISO 3696 SUB CLAUSE 7.4
		Alkalinity	APHA 23rd Edition 2320 B

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Chemical -Water (cont'd.)	Soft Water, Sump Water	Alkalinity	IS 3025 (Part 23)
		Ammonia	APHA 23rd Edition 4500 NH3 - C
		Ammonia	IS 3025 (Part 34)
		Anionic Surface Active Agents	IS 13428 Annexure K
		Bromate	ISO 15061
		Calcium	IS 3025 (Part 40)
		Chloramines	APHA 23rd Edition 4500 Cl - G
		Chloride	IS 3025 (Part 32)
		Chloride	APHA 23rd Edition 4500 Cl B
		Colour	APHA 23rd Edition 2120 B
		Colour	IS 3025 Part 4
		Colour retention of KMnO4 (Oxidizable matter)	IS 1070 ANNEX A
		Cyanide	APHA 23rd Edition 4500 CN - E
		Cyanide	IS 3025 (Part 27/Sec 1)
		Electrical Conductivity	ISO 3696 SUB CLAUSE 7.2
		Fluoride	APHA 23rd Edition 4500 -F D
		Fluoride	IS 3025 (Part 60)
		Hexavalent Chromium	IS 3025 (Part 52)
		Hexavalent Chromium	APHA 23rd Edition 3500 Cr - B
		Magnesium	IS 3025 (Part 46)
		Mineral Oil	IS 3025 Part 39
		Nitrate	APHA 23rd Edition 4500 NO3 - B
		Nitrite	APHA 23rd Edition 4500 NO2 - B
		Odour	APHA 23rd Edition 2150 B
		Odour	IS 3025 Part 5
		pH value	APHA 23rd Edition 4500 B
		pH value	IS 3025 (Part 11)
pH Value	ISO 3696 SUB CLAUSE 7.1		
Phenolic Compounds	APHA 23rd Edition 5530 D		

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Chemical -Water (cont'd.)	Ice Flakes, Cooling Tower Water, Chiller Water, Steam Condensed Water, Soft Water, Sump Water (cont'd.)	Residual Free Chlorine	APHA 23rd Edition 4500 Cl - B
		Residual Free Chlorine	IS 3025 Part 26
		Residue after evaporation on heating at 110°C	ISO 3696 SUB CLAUSE 7.5
		Specific Conductance	IS 3025 (Part 14)
		Specific Conductance	APHA 23rd Edition 2510 B - C
		Sulphate	APHA 23rd Edition 4500 SO4 E
		Sulphate	IS 3025 (Part 24/Sec 1)
		Sulphide	IS 3025 (Part 29)
		Taste	APHA 23rd Edition 2160 C
		Taste	IS 3025 (Part 8)
		Total Dissolved Solids	APHA 23rd Edition 2540 C
		Total Dissolved Solids	IS 3025 (Part 16)
		Total Hardness	IS 3025 (Part 21)
		Total Silica as SiO ₂	IS 3025 (Part 35)
		Total Silica as SiO ₂	ISO 3696 SUB CLAUSE 7.6
		Total Solids	IS 3025 (Part 15)
		Total Suspended Solids	IS 3025 (Part 17)
		Turbidity	APHA 23rd Edition 2130 B
		Turbidity	IS 3025 (Part 10)
	Packaged Drinking Water	Alkalinity	IS 3025 (Part 23)
		Anionic Surface Active Agents	IS 13428 Annexure K
		Bromate	ISO 15061
		Calcium	IS 3025 (Part 40)
		Chloride	IS 3025 (Part 32)
		Colour	IS 3025 Part 4
		Cyanide	IS 3025 (Part 27)
		Fluoride	IS 3025 (Part 60)
Magnesium		IS 3025 (Part 46)	
Mineral oil		IS 3025 (Part 39) Clause 6	
Nitrate	APHA 23rd Edition 4500 NO ₃ - B		

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemical -Water (cont'd.)	Packaged Drinking Water (cont'd.)	Nitrite	IS 3025 (Part 34)
		Odour	IS 3025 Part 5
		pH value	IS 3025 (Part 11)
		Phenolic Compounds	IS 3025 (Part 43/Sec 1)
		Residual Free Chlorine	IS 3025 Part 26
		Sulphate	IS 3025 (Part 24/Sec 1)
		Sulphide	IS 3025 (Part 29)
		Taste	IS 3025 (Part 8)
		Total Dissolved Solids	IS 3025 (Part 16)
		Turbidity	IS 3025 (Part 10)
	Water from Water Purifiers	Alkalinity	IS 3025 (Part 23)
		Ammonia	IS 3025 (Part 34)
		Anionic Surface Active Agents	IS 13428 Annexure K
		Bromate	ISO 15061
		Calcium	IS 3025 (Part 40)
		Chloride	IS 3025 (Part 32)
		Colour	IS 3025 (PART 4)
		Cyanide	IS 3025 (Part 27)
		Fluoride	IS 3025 (Part 60)
		Magnesium	IS 3025 (Part 46)
		Mineral Oil	IS 3025 (Part 39) Clause 6
		Nitrate	APHA 23rd Edition 4500 NO3 - B
		Nitrite	IS 3025 (Part 34)
		Odour	IS 3025 (PART 5)
		pH value	IS 3025 (Part 11)
		Phenolic compounds	IS 3025 (Part 43/Sec 1)
		Residual Free Chlorine	IS 3025 (Part 26)
		Sulphate	IS 3025 (Part 24/Sec 1)
		Sulphide	IS 3025 (Part 29)
		Taste	IS 3025 (Part 8)

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Chemical -Water (cont'd.)	Water from Water Purifiers (cont'd.)	Total Dissolved Solids	IS 3025 (Part 16)
		Turbidity	IS 3025 (Part 10)
	Drinking Water, Borewell water, Raw Water, Ice Flakes, Cooling Tower Water, Chiller Water, Steam Condensed Water, Soft Water, Sump Water	Phosphorous	IS 3025 (Part 31/Sec 1)

