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Field of Testing : Chemical Testing and
Microbiological Testing

Chemical Testing

Product	Specific Test	Method Reference
I. Foods		
.01 Cereal and cereal products 1. Breakfast cereals 2. Cereal/cereal grains 3. Cultured seeds 4. Soya flours concentrates and isolates 5. Flour, corn meal, corn grits, semolina 6. Frozen entrees containing rice or corn flour 7. Soy protein 8. Tofu 9. Pasta products and noodles (e.g., rice paper, rice vermicelli, soybean pastas and noodles) 10. Starch	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.02 Nuts and nut products 1. Peanut butter and other nut butters	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)

Product	Specific Test	Method Reference
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.03 Dairy Products 1. All cheese made from pasteurized milk (cottage cheese, soft and semi-solid cheese) 2. Process cheese spread 3. Ice cream and sherbet plain and flavoured 4. Ice cream with added ingredients 5. Flavored Ice 6. Milk powders (whole, nonfat or filled milk, buttermilk, whey and whey protein concentrate 7. Sweetened condensed milk 8. Liquid milk (evaporated or ready to drink) and Cream (Ultra Heat Temperature/sterilized) 9. Pasteurized Milk 10. Pasteurized cream	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1

Product	Specific Test	Method Reference
11. Yogurt and other fermented milk		
.04 Meat, poultry and derived products 1. Dried animal products 2. Meat pastes and pate' 3. Cold cuts, frozen and chilled hotdogs, corned beef, luncheon meat 4. Packaged cooked cured/salted meat (ham, bacon) 5. Fermented, comminuted meat, no cooked (dry and semi dry fermented sausages) 6. Cooked poultry meat, frozen to be re-heated before eating (e.g., prepared frozen meals) 7. Cooked poultry meat, frozen, ready to eat (e.g., turkey rolls) 8. Cured/smoked poultry meat 9. Dehydrated poultry products 10. Fresh/frozen raw chicken (during processing) 11. Meat products in hermetically sealed containers	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.05 Fish, crustaceans and mollusks and derived products 1. Fresh and frozen fish and cold-smoked 2. Pre-cooked breaded fish 3. Frozen cooked crustaceans 4. Cooked, chilled and frozen crabmeat	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003

Product	Specific Test	Method Reference
5. Fish and shellfish products in hermitically sealed containers 6. Smoked, dried, fermented and salted fish and fish products	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.06 Sugar and sugar products 1. Refined and raw sugars 2. Brown sugar 3. Sugar solutions and syrups 4. Other sugars and syrups (e.g., Xylose, maple syrup, sugar toppings) 5. Honey 6. Table-top sweeteners, including those containing high-intensity sweeteners	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.07 Confectionary 1. Cocoa powder 2. Chocolate products 3. Chocolate confectionaries (chocolate bars, blocks, bonbons) 4. Sugar confectionaries (hard and soft candies, toffees, caramels, fondants, cream, nougats and pastes)	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03

Product	Specific Test	Method Reference
	Moisture	Oven Method/ AOAC Method 925.1
.08 Fruits, jams and other fruit products 1. Frozen fruits 2. Coconut (desiccated) 3. Sun dried fruit 4. Jams, jellies, marmalades 5. Fruit-based spreads 6. Candied fruit 7. Fruit preparations (pulp, purees, fruit toppings and coconut milk) 8. Fermented fruit products 9. Fruit fillings for pastries	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.09 Vegetable and vegetable products 1. Frozen vegetables 2. Dried vegetables 3. Vegetables in vinegar, oil, brine or soybean sauce 4. Canned or bottled (pasteurized) or retort pouch vegetables 5. Fermented fruit products 6. Cooked or fried vegetables	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.15 Eggs and egg products 1. Egg products (liquid, frozen, dried)	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)

Product	Specific Test	Method Reference
2. Preserved eggs, including alkaline, salted and canned eggs 3. Egg-based desserts (e.g., custard)	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.20 Other Food products	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.24 Sauce, Spice and condiments 1. dry mixes for soup and sauces 2. Yeast 3. Spices and herbs 4. salad dressings (e.g., Mayonnaise, thousand island,	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003

Product	Specific Test	Method Reference
mustard) 5. Vinegars 6. soy-bean based seasoning and condiments (e.g., Soy sauce)	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
.26 Novel Food Products	Minerals (Sodium, Potassium, Iron, Zinc, Calcium)	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Crude Protein	Kjeldahl Method/Online Official Method of Analysis AOAC/ Tecator Application Notes Rev 1.2 by FOSS Tecator 2003
	Crude Fat	Soxtec Method/Online Official Methods of Analysis (AOAC)/ Tecator Application Notes AN 301 Rev. 2 by Perstop Analytical 1995
	Ash	Gravimetric Method/AOAC Method 923.03
	Moisture	Oven Method/ AOAC Method 925.1
VI. Water		
.01 Bottled water	pH	Electrometric Method/SMEWW Method 4500-HB
	Alkalinity	Titration Method/SMEWW Method 2320B
	Hardness	EDTA Titration/SMEWW Method 2340 C
	Conductivity	Conductivity Meter/SMEWW Method 2510
	Chlorides	Argentometric Method/SMEWW 4500-Cl B

Product	Specific Test	Method Reference
	Total Dissolved Solids (TDS)	SMEWW 2012, 22nd ed. 2540D
	Trace Metals	Microwave Plasma (MP)-Atomic Emission Spectroscopy (AES)
	Calcium Hardness	SMEWW 3500 Ca

Microbiological Testing

Product	Specific Test	Method Reference
I. Foods		
01 Milk and Dairy Products		
01.1 Milk Powders (e.g., whole nonfat or filled milk, buttermilk, whey & whey protein concentrate) (intended for children more than 36 months of age and adults)	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
01.2 Sweetened Condensed Milk	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Mold and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
01.4 Pasteurized Milk	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
01.5 Pasteurized Cream	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
01.6 Yogurt and other fermented milk	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
01.7 Cheese and Cheese Products; e.g., cottage cheese; soft and semi-soft cheese (moisture > 39%, pH >5)	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
01.8 Processed Cheese Spread	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
01.9 All Raw Milk Cheese; Raw Milk Un-ripened cheese with moisture > 50%, pH >5.0	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
02 Fats, Oils, and Fat Emulsions		
02.1 Butter (whipped, pasteurized)	Molds and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
02.2 Butter made from unpasteurized milk or milk products	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
02.3 Margarine	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Molds and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
03 Edible Ices including Sherbet and Sorbet		
03.1 Ice Cream & Sherbet (plain and flavored)	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
03.2 Ice Cream with added ingredients (nuts, fruits, cocoa, etc.)	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
03.3 Flavored Ice (e.g., ice candy)	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Molds and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
04 Confectionaries		
04.1 Cocoa Powder	Molds Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
04.2 Chocolate Products	Molds Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
04.3 Chocolate Confectionaries (chocolate bars, blocks, bonbons)	Molds Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
04.4 Sugar Confectionaries (hard & soft candies, caramel, fondants, creams, nougats and pastes)	Molds Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
05 Fruits and Vegetables, Nuts and Seeds		
05.2 Fermented Vegetables, ready to eat (e.g., Kimchi)	Mold and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
05.5 Desiccated Coconut	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Molds and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
05.6 Peanut Butter & other Nut Butters	<i>Salmonella</i>	3M Petrifilm Method, AOAC
05.7 Sun Dried Fruits	Molds Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
06 Egg and Egg Products		
06.1 Pasteurized Egg Products (liquid, frozen or dried)	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Mold and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
07 Cereals and Cereal Products		
07.1 Breakfast Cereals	Molds Count Yeast & Yeast-like fungi	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
07.2 Cereals/Cereal Grains	Mold and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
07.3 Cultured seeds and grains (e.g., bean sprouts, alfalfa etc.)	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
07.4 Soya Flours Concentrates and Isolates	Molds Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
07.5 Frozen Corn meal, Corn grits, Semolina	Molds Count Yeast & Yeastlike fungi	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
07.7 Soy Protein	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Mold and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
07.8 Tofu	<i>S. aureus</i>	3M Petrifilm Method, AOAC
07.9 Pasta Products and Noodles Uncooked (wet & dry)	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Mold and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
07.10 Starch	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Mold and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
08 Bakery Products		
08.1 Frozen Bakery Products (ready eat) with low acid or high a_w fillings or toppings	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
08.2 Frozen Bakery Products (to be cooked) with low acid or high a_w fillings or toppings (e.g., meat pies, pizzas)	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
08.3 Frozen and Refrigerated Doughs (Chemically leavened)	Molds Count Yeast & Yeastlike fungi	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
08.4 Frozen and Refrigerated Doughs	Molds Count Yeast & Yeastlike fungi	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
08.5 Baked Goods (microbiologically sensitive types e.g., containing eggs & dairy products)	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	Mold and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
08.6 Coated or Filled, Dried Shelf-Stable Biscuits	<i>Salmonella</i>	3M Petrifilm Method, AOAC
09 Ready to Eat Savouries		
09.1 Snack Foods	Molds Count Yeast & Yeastlike fungi	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
10.0 Meat and Meat Products		
10.1 Dried Animal Products	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
10.2 Meat paste and Paté (heat treated)	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
10.3 Cold Cuts, Frozen & Chilled Hot Corn Beef, Luncheon Meat	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
10.4 Packaged cooked cured/salted meat (ham, bacon)	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
10.5 Fermented, comminuted meat, not cooked (dry & semi-dry fermented sausages)	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
10.6 Cooked Poultry Meat, Frozen to be reheated before eating (e.g., prepared frozen meals)	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
10.7 Cured/Smoked Poultry Meat	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
10.8 Dehydrated Poultry Products	<i>Salmonella</i>	3M Petrifilm Method, AOAC
10.9 Fresh/Frozen raw Chicken (during processing)	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
11.0 Fish and Fish Products		
11.1 Fresh Frozen Fish and Cold-Smoked	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
11.2 Pre-Cooked Breaded Fish	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
11.3 Frozen Raw Crustaceans	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
11.4 Frozen Cooked Crustaceans	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
11.5 Cooked, Chilled & Frozen Crabmeat	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
11.6 Fresh and Frozen Bivalve Mollusks	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
12.0 Spices, Soups, Sauces, Salads, and Protein Products		
12.1 Dry Mixes for Soup and Sauces	Molds and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
12.2 Yeast	<i>Salmonella</i>	3M Petrifilm Method, AOAC
12.3 Spices	Molds Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
12.4 Spices (ready to eat)	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>S. aureus</i>	3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Molds Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
12.5 Salad Dressing, pH ≤ 4.6	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
(e.g., Mayonnaise, Thousand Island, Ranch, French)	Molds and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
13.0 Beverages		
13.1 Non-Alcoholic Beverages (e.g., ready to drink, soft drinks, iced tea, energy drinks)	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Molds and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
13.2 Frozen Juice Concentrate	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Molds and Yeast Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
13.3 Powdered beverages	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
14.0 Food for Infants and Young Children		
14.1 Powdered Infant Formula with or without added Lactic Acid producing cultures (intended for 0- to 6-month-old)	<i>Salmonella</i>	3M Petrifilm Method, AOAC
14.2 Follow-up Formula/ Milk Supplement (intended for infants 6 months on and for young children 12-36 months age)	<i>Salmonella</i>	3M Petrifilm Method, AOAC
14.5 Dried and Instant Products requiring reconstitution	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC

Product	Specific Test	Method Reference
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
14.6 Dried Products requiring reconstitution and boiling before consumption	Coliform Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
14.7 Cereal based foods for infants	Aerobic Plate Count	Conventional Method, BAM Online 3M Petrifilm Method, AOAC
	<i>Salmonella</i>	3M Petrifilm Method, AOAC
IV. Water		
Bottled water	Heterotrophic Plate Count	Plate Count Method SMEWW 9215 B
	Coliform Count Fecal Coliform Count <i>E. coli</i> Count	Multiple Tube Fermentation SMEWW 9221 B SMEWW 9221 G SMEWW 9221 E

Legend to Reference Methods

AOAC – Association of Official Analytical Chemists

BAM - Bacteriological Analytical Manual

SMEWW - Standard Methods for Examination of Water and Wastewater

***** Nothing Follows *****