

Microbiological testing

Products	Specific Tests	Method/ Reference
I. Foods		
01.0 Milk and Dairy products		
a. Milk powder and cream powder	Aerobic Plate Count	Pour Plate Method, BAM Online
01.2 Sweetened Condensed Milk	Aerobic Plate Count	Pour Plate Method, BAM Online
01.4 Pasteurized milk	Aerobic Plate Count	Pour Plate Method, BAM Online
01.5 Pasteurized cream	Aerobic Plate Count	Pour Plate Method, BAM Online
01.7 Cheese and Cheese Products; e.g. Cottage Cheese; Soft and semi-soft cheese	Coliform Count <i>E. coli</i>	MPN Method, BAM Online
01.8 Processed Cheese Spread	Aerobic Plate Count	Pour Plate Method, BAM Online
02.0 Fats, Oils and Fat Emulsions		
02.1 Butter (whipped, pasteurized)	Aerobic Plate Count	Pour Plate Method, BAM Online
02.2 Butter made from unpasteurized milk or milk products	Aerobic Plate Count <i>E. coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online
02.3 Margarine	Aerobic Plate Count	

		Pour Plate Method, BAM Online
03.0 Edible Ices, Including Sherbet and Sorbet		
03.1 Ice Cream & Sherbet (plain and flavored)	Aerobic Plate Count	Pour Plate Method, BAM Online
03.2 Ice Cream with added ingredients (nuts, fruits, cocoa)	Aerobic Plate Count	Pour Plate Method, BAM Online
03.3 Flavored Ice	Aerobic Plate Count Coliform Count	Pour Plate Method, BAM Online MPN Method, BAM Online
04.0 Confectioneries		
04.1 Cocoa Powder	Aerobic Plate Count Coliform Count	Pour Plate Method, BAM Online MPN Method, BAM Online
04.2 Chocolate Products	Aerobic Plate Count Coliform Count	Pour Plate Method, BAM Online MPN Method, BAM Online
04.3 Chocolate Confectionaries (chocolate bars, blocks, bonbons)	Aerobic Plate Count Coliform Count	Pour Plate Method, BAM Online MPN Method, BAM Online
04.4 Sugar Confectionaries (Hard and soft candies, toffees, caramel, fondants, creams, nougats and pastes)	Aerobic Plate Count Coliform Count	Pour Plate Method, BAM Online MPN Method, BAM Online

05.0 Fruits and Vegetables, Nuts and Seeds		
05.2 Fermented Vegetables, Ready to Eat (e.g. Kimchi)	Coliform Count <i>E.coli</i>	MPN Method, BAM Online
05.7 Sun Dried Fruits	<i>E.coli</i>	MPN Method, BAM Online
06.0 Egg and Egg Products		
06.1 Pasteurized Egg Products (liquid, frozen or dried)	Aerobic Plate Count	Pour Plate Method, BAM Online
07.0 Cereals and Cereal Products		
07.1 Breakfast cereals	Aerobic Plate Count	Pour Plate Method, BAM Online
07.2 Cereals/Cereal Grains	Aerobic Plate Count	Pour Plate Method, BAM Online
07.7 Soy Protein	Aerobic Plate Count	Pour Plate Method, BAM Online
07.8 Tofu	<i>E. coli</i>	MPN Method, BAM Online
07.9 Pasta Products and Noodles Uncooked (wet and dry)	Aerobic Plate Count	Pour Plate Method, BAM Online
07.10 Starch	Aerobic Plate Count	Pour Plate Method, BAM Online
08.0 Bakery Products		
08.3 Frozen and Refrigerated Doughs (Chemically leavened)	Aerobic Plate Count <i>E. coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online

08.4 Frozen and Refrigerated Doughs	Aerobic Plate Count	Pour Plate Method, BAM Online
08.5 Baked Goods	Aerobic Plate Count	Pour Plate Method, BAM Online
08.6 Coated or Filled, Dried Shelf-Stable Biscuits	Coliform Count	MPN Method, BAM Online
09.0 Ready to Eat Savouries		
09.1 Snack Foods	Aerobic Plate Count	Pour Plate Method, BAM Online
10.0 Meat and Meat Products		
10.2 Meat Paste and Paté	Aerobic Plate Count	Pour Plate Method, BAM Online
10.3 Cold Cuts, Frozen & Chilled Hot dogs, Corned Beef, Luncheon Meat	Aerobic Plate Count <i>E. coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online
10.5 Fermented, comminuted meat, not cooked (dry and semi dry fermented sausages)	<i>E. coli</i>	MPN Method, BAM Online
10.9 Fresh/Frozen Raw Chicken (during processing)	Aerobic Plate Count	Pour Plate Method, BAM Online
11.0 Fish and Fish Products		
11.1 Fresh and Frozen Fish and Cold-Smoked	Aerobic Plate Count <i>E.coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online
11.2 Pre-Cooked Breaded Fish	Aerobic Plate Count <i>E.coli</i>	Pour Plate Method, BAM Online

		MPN Method, BAM Online
11.3 Frozen Raw Crustaceans	Aerobic Plate Count <i>E.coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online
11.4 Frozen Cooked Crustaceans	Aerobic Plate Count <i>E.coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online
11.5 Cooked, Chilled and Frozen Crabmeat	Aerobic Plate Count <i>E.coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online
11.6 Fresh and Frozen Bivalve Molluscs	Aerobic Plate Count E.coli	Pour Plate Method, BAM Online MPN Method, BAM Online
12.0 Spices, Soups, Sauces, Salads and Protein Products		
12.1 Dry Mixes for Soup and Sauces	Aerobic Plate Count	Pour Plate Method, BAM Online
12.3 Spices	Aerobic Plate Count	Pour Plate Method, BAM Online
12.4 Spices (ready to eat)	Aerobic Plate Count	Pour Plate Method, BAM Online
12.4 Salad Dressing, pH ≤4. (e.g. Mayonnaise, Thousand Island, Ranch, French)	Aerobic Plate Count	Pour Plate Method, BAM Online

13.0 Beverages		
13.1 Non-alcoholic beverages (Ready to drink, softdrinks, iced tea, energy drinks)	Aerobic Plate Count	Pour Plate Method, BAM Online
13.2 Frozen Juice Concentrate	Aerobic Plate Count	Pour Plate Method, BAM Online
13.3 Powdered Beverages (e.g. Iced tea, powdered juice/mixes)	Aerobic Plate Count	Pour Plate Method, BAM Online
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 months)	Aerobic Plate Count Coliform Count <i>E. coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online
14.2 Follow-up Formula/ Milk Supplement (Intended for infants 6 months on and for young children 12-36 months of age)	Aerobic Plate Count Coliform Count <i>E. coli</i>	Pour Plate Method, BAM Online MPN Method, BAM Online
14.5 Dried and Instant products requiring reconstitution	Aerobic Plate Count Coliform Count	Pour Plate Method, BAM Online MPN Method, BAM Online
14.6 Dried products requiring reconstitution and boiling before consumption	Aerobic Plate Count	Pour Plate Method, BAM Online
14.7 Cereal based foods for infants	Aerobic Plate Count Coliform Count	Pour Plate Method, BAM Online MPN Method, BAM Online

IV. Water

1.0 Bottled Water

Heterotrophic
Plate count

Conventional Plate
Count/Pour Plate Method,
SMEWW Method 9215

Total Coliform Count
Fecal Coliform Count
E.coli Count

Multiple Tube
Fermentation Technique/
MPN Method, SMEWW