

7. Intertek Testing Services Philippines Inc.

Address : 2307 Chino Roces Avenue Extension Makati City
Telephone No. : 632 8195841 loc. 619
Fax No. : 632 819 5848/632 817 2994
E-mail : chester.allones@intertek.com

Contact Person : Chester Lou A. Allones
QMS/Compliance Officer

Field of Testing : Chemical Testing and
Microbiological Testing

Chemical Testing

Products	Specific Test	Method/Reference Standard
I. Foods		
1.0 Milk and Dairy Products		
01.1 Milk powder and cream powder	Moisture	Oven-drying/Gravimetric Method, AOAC 927.05, 18 th ed. 2005
01.2 Whey and whey products	Fat	Roese Gottlieb Method, AOAC 905.02, 18 th ed. 2005
01.3 Condensed milk	Protein	Kjeldahl Method, AOAC 991.22, 18 th ed. 2005
01.4 Liquid Milk (Evaporated and Cream (UHT/sterilized)	Ash	Gravimetric Method, AOAC 930.30, 18 th ed. 2005
01.5 Pasteurized milk	Minerals (Ca, Fe, Na)	Atomic Absorption Spectroscopy, AOAC 991.25, 18 th ed. 2005
01.6 Pasteurized cream		
01.7 Yogurt and other fermented milk		
01.8 Milk and buttermilk		
01.9 Cheese and cheese products (Cottage cheese, soft and semi-soft cheese)		
01.10 Processed cheese spread		

01.11 All raw milk Cheese		
02.0 Fats and oils, and fat emulsions		
02.1 Fats and oils essentially free from water (vegetable oils and fats, lard, tallow, fish oil and other animal fats)	Free fatty acid Peroxide Value Moisture Saponification Value	Titrimetric Method AOCS Ca 50-40, 5 th ed. 2003 Titrimetric Method, AOCS Cd 8-53, 5 th ed. 2004 Vacuum Oven-Drying Method, AOCS Ca 2d-25, 5 th ed. 2003 Titrimetric Method, AOCS Cd 3-25, 5 th ed. 2003
02.2 Fat emulsions mainly of type water- in-oil (butter, margarine)	Moisture	Oven-drying/Gravimetric Method, AOAC 927.05, 18 th ed. 2005
04.0 Confectioneries		
04.1 Cocoa powder 04.2 Chocolate products; chocolate confectioneries 04.3 Sugar confectioneries (hard and soft candy, nougats, etc.) 04.4 Chewing gum 04.5 Decorations and toppings (non-fruit), and sweet sauces	Moisture Sugar	Oven-drying/Gravimetric Method, AOAC 952.45, 18 th ed. 2005 Munson-Walker Method, AOAC 906.03, 18 th ed. 2005
05.0 Fruits and vegetables, seaweeds, nuts and seeds		
05.1 Frozen vegetables and fruits 05.2 Fermented fruits and vegetables 05.3 Fruits and vegetable products in hermetically sealed container	Benzoate Sorbic Acid/Sorbate Moisture	HPLC/in-house procedure HPLC/in-house procedure For Fruits-Oven- drying/Gravimetric Method, AOAC 950.151, 18 th ed. 2005 For Vegetables-Oven drying/Gravimetric Method, AOAC 911.02, 18 th ed. 2005

05.4 Dried fruits and vegetables, seaweeds, nuts and seeds	Fat	Acid Hydrolysis Method, AOAC 920.85, 18 th ed. 2005
05.5 Coconut (desiccated)	Protein	Kjeldahl Method, AOAC 920.152, 18 th ed. 2005
05.6 Nut and seed puree and spreads (e.g., peanut butter)	Ash	For Fruits-Gravimetric Method, AOAC 940.26, 18 th ed. 2005 For Vegetables- Gravimetric Method, AOAC 925.51, 18 th ed. 2005
05.7 Sun dried fruit	Sugar	For Fruits-Munson Walker Method, AOAC 906.03, 18 th ed. 2005
05.8 Jams, jellies, marmalades and fruit fillings for pastries		
05.9 Fruit preparations (pulp, puree, fruit toppings and coconut milk)		
06.0 Egg and egg products		
06.1 Egg products	Moisture	Oven-drying/Gravimetric Method, AOAC 925.30, 18 th ed. 2005
06.1.1 Liquid egg products	Fat	Acid Hydrolysis Method, AOAC 925.32, 18 th ed. 2005
06.1.2 Frozen egg products	Protein	
06.1.3 Dried and/or heat coagulated egg products	Ash	Kjeldahl Method, AOAC 925.31, 18 th ed. 2005
06.3 Egg-based desserts (e.g., custard)	Calories	Gravimetric Method, AOAC 925.30, 18 th ed. 2005 By Composition in the Philippine Composition Tables (FNRI), 1997
07.0 Cereals and cereal products		
07.1 Breakfast cereals	Moisture	Oven-drying/Gravimetric Method, AOAC 925.10, 18 th ed. 2005
07.2 Cereal/cereal grains	Fat	Acid Hydrolysis Method, AOAC 925.85, 18 th ed. 2005
07.3 Cultured seeds and grains		

- Smoked, dried, canned or fermented, and/or salted		
12. Spices, herbs, soups, sauces, salads, vinegars, seasonings and condiments		
12.1.Dry mixes for soup and sauces 12.2.Yeast 12.3.Spices 12.4.Salad dressing (mayonnaise, thousand island, sandwich spread etc.) 12.5.Ketchup, cheese sauce, cream sauce, brown gravy 12.6.Fish sauce 12.7.Soybean sauce 12.8.Salts	Moisture Fat Protein Ash	Oven-drying/Gravimetric Method, AOAC 950.151 18 th ed. 2005 Gravimetric Method, AOAC 950.54, 18 th ed. 2005 Kjeldahl Method, AOAC 920.165, 18 th ed. 2005 Gravimetric Method, AOAC 941.12, 18 th ed. 2005
13. Beverages, excluding dairy products		
13.1. Non-alcoholic (Canned/Bottled Fruit and vegetable juices/nectars, Energy drinks and particulated drinks, Carbonated and Non-carbonated water-based flavored drinks and concentrates (liquid or solid) for water-based flavored drinks) 13.2. Frozen juice concentrate 13.3. Powdered beverages	Moisture Fat Protein Ash	Oven-drying/ Gravimetric Method, AOAC 935.29 18 th ed. 2005 Acid Hydrolysis Method, AOAC 920.85, 18 th ed. 2005 Kjeldahl Method, AOAC 950.09, 18 th ed. 2005 Gravimetric Method, AOAC 940.12, 18 th ed. 2005
13.4. Coffee, coffee substitutes, tea, herbal infusions, and	Moisture	Oven-drying/Gravimetric Method, AOAC 950.151, 18 th ed. 2005

other hot cereal and grain beverages	<p>Fat</p> <p>Protein</p> <p>Ash</p> <p>Benzoate</p> <p>Sorbic Acid/Sorbate</p> <p>Sugar</p>	<p>Acid Hydrolysis Method, AOAC 920.85, 18th ed. 2005</p> <p>Kjeldahl Method, AOAC 920.152, 18th ed. 2005</p> <p>Gravimetric Method, AOAC 940.26, 18th ed. 2005</p> <p>HPLC/ In-house procedure</p> <p>HPLC/ In-house procedure</p> <p>Munson-Walker Method, AOAC 906.03, 18th ed. 2005</p>
13.5. Alcoholic beverages (Beer and malt beverages, cider and perry, grape wines and wines, mead, distilled spirits containing more than 15% alcohol and aromatized alcoholic beverages)	<p>Moisture</p> <p>Fat</p> <p>Protein</p> <p>Ash</p>	<p>Oven-drying/Gravimetric Method, AOAC 935.29 18th ed. 2005</p> <p>Acid Hydrolysis Method, AOAC 920.85, 18th ed. 2005</p> <p>Kjeldahl Method, AOAC 950.09, 18th ed. 2005</p> <p>Gravimetric Method AOAC 920.54, 18th ed. 2005</p>
14. Foodstuffs intended for particular nutritional uses		
<p>14.1. Infant formulae, follow-on formulae, and formulae for special medical purposes for infants</p> <p>14.2. Complementary foods for infants and young children</p> <p>14.3. Dietetic foods intended for special medical purposes (excluding products</p>	<p>Moisture</p> <p>Fat</p> <p>Protein</p> <p>Ash</p>	<p>Oven-drying/ Gravimetric method, AOAC 911.02, 18th ed. 2005</p> <p>Gravimetric Method, AOAC 930.09, 18th ed. 2005</p> <p>Kjeldahl Method, AOAC 978.04, 18th ed. 2005</p> <p>Gravimetric Method, AOAC 925.51, 18th ed. 2005</p>

of food category 14.1) 14.4. Dietetic formulae for slimming purposes and weight reduction 14.5. Dietetic foods (e.g supplementary foods for dietary use) excluding products of food categories 14.1-14.4 and 14.6 14.6. Food supplements	B Vitamins	HPLC SOP-CHRM-017/ In-house procedure
	Vitamin A	HPLC SOP-CHRM-024/ In-house procedure
	Vitamin C	HPLC SOP-CHRM-016/ In-house procedure
	Vitamin E	HPLC SOP-CHRM-015/ In-house procedure
Bottled Water	Minerals – CA, Mg, Fe, Mn, Na, K, Zn	AAS/ SMEWW 22 nd Ed., 2012
	Nitrite as Nitrogen	UV-Vis Spectrophotometry/ SMEWW 22 nd Ed., 2012
	pH	Glass electrode method/ SMEWW 22 nd Ed. 2012
	Residual Chlorine	Iodometric method/ SMEWW 22 nd Ed., 2012
	Sulfate Content	Precipitation/ Gravimetric/ SMEWW 22 nd Ed., 2012
	Total Dissolved Solids Total Suspended Solids	Gravimetric method/ SMEWW 22 nd Ed., 2012
	Total Hardness	EDTA Titration/ SMEWW 22 nd Ed., 2012
	Total Solids	Gravimetric/Drying/ SMEWW 22 nd Ed., 2012
	Turbidity	UV-Vis Spectrophotometry/ SMEWW 22 nd ed., 2012
	Heavy Metals – Pb, Cd, Cu, Sb, Al, Ba, Cr, Ni, Ag, Sn	AAS-Flame Spectrophotometry/ SMEWW 22 nd Ed., 2012

	<p>Heavy Metals – Se, A Chromium Hexavalent</p> <p>Odor</p> <p>Taste</p>	<p>AAS-MHS/ SMEWW 22nd Ed., 2012</p> <p>DiphenylCarbazide/ SMEWW 22nd Ed., 2012</p> <p>Sensory Evaluation/ SMEWW 22nd Ed., 2012</p> <p>Sensory Evaluation/ SMEWW 22nd Ed., 2012</p>
Toys		
1.0 Toy materials of coatings of paints, varnishes, lacquers, printing inks, poltmers and similar coatings	Metals and Alloys: Toxicity test / Heavy metals	CPSC-CH-E1001-08 USEPA 3540C, 3052, 3050 IEC 62321, ISO 3613
2.0 Toy materials of polymeric and similar materials including laminates whether textile-reinforced or not but excluding textiles	Paint and related surface coatings: Heavy metals – Pb, Cd, Cr+6, Hg	AAS/ASTM 4.3.5.1(2) F963-11, EN 71, CONEG, 16CFR Part 1303 (CPSC-CH-E1003-09.1), EN 1122
3.0 Toy materials of paper and paperboard	Ink, dyes and pigments: Toxicity test / Heavy metals	AAS/ASTM 4.3.5.1(2) F963-11, EN 71, CONEG, 16CFR Part 1303 (CPSC-CH-E1003-09.1), EN 1122 ASTM E 1645/E1613
4.0 Toy materials of natural and synthetic textiles		
5.0 Toy materials of glass/ceramic/metallic materials		
6.0 Toy materials whether mass-colored or not	Plastics: Heavy metals – Pb, Cd, Cr+6, Hg	AAS/USEPA 3052, 3050B, IEC 62321, ISO 3613/ CPSC-CH-E1002-08
7.0 Toy materials of materials intended to leave a trace	Small Parts Sharp Point/Edges	
8.0 Toy materials of pliable materials including modelling clay and gels	Requirement for Children Toy Safety	
9.0 Toy materials of paints, including finger paints, varnishes, lacquers, glazing powders and similar materials in solid ore liquid forms	Flammability Test	PNS 174; EN71 Part 1; Canadian Hazardous Act; CRC c. 931; ISO 8124; 16 CFR 1501

	<p>General Requirements Construction requirements</p> <p>Cleanliness for Stuffing Materials</p> <p>Physical and Mechanical: Toys Chests (except labelling and/or instructional literature requirements)</p> <p>Stuffing Materials Sound Producing Toys Small Objects (Except labeling and/or instructional literature requirements)</p> <p>Accessible Edges (except labeling and/or instructional literature requirements) Projections Accessible Points (except labeling and/or instructional literature Wires or Rods Nails and Fasteners Packaging Film Cords, Straps and Elastics Simulated Protective Devices (Except labeling and/or instructional literature requirements)</p> <p>Toy Pacifiers</p>	<p>Flaming by butane gas/PNS 1408-2; 16 CFR 1610; EN71 Part 2; 16 CFR 1500.44; BS 4569</p> <p>AS 1647.1-1190; AS 1647.2; NZS 5820</p> <p>Pennsylvania Regulation Chapter 44; AOAC</p> <p>ASTM F963-11</p> <p>ASTM F963-07e1 Section 4.27</p> <p>ASTM F963-11 Section 4.3.7 ASTM F963-11 Section 4.5</p> <p>ASTM F963-11 Section 4.6 ASTM F963-11 Section 4.7</p> <p>ASTM F963-11 Section 4.8 ASTM F963-11 Section 4.9</p> <p>ASTM F963-11 Section 4.10 ASTM F963-11 Section 4.11 ASTM F963-11 Section 4.12 ASTM F963-11 Section 4.14</p> <p>ASTM F963-11 Section 4.19</p> <p>ASTM F963-11 Section 4.20.2 ASTM F963-11 Section 4.21 ASTM F963-11 Section 4.22</p>
--	--	--

	Projectile Toys Teethers and Teething Toys	ASTM F963-11 Section 4.23.1
	Rattles with Nearly Spherical, Hemispherical or Circular Flared Ends	
	Squeeze Toys Battery-Operated Toys (except labeling and/or instructional literature requirements)	ASTM F963-11 Section 4.24 ASTM F963-11 Section 4.25 (Except Clause 4.25.10)
	Toys intended to be attached to a Crib or Playpen (except labeling and/or instructional literature requirements)	ASTM F963-11 Section 4.26
	Stuffed and Beanbag- type Toys Toy Gun Marking Certain Toys with Spherical Ends Pompoms Hemispherical-Shaped Objects	ASTM F963-11 Section 4.27 ASTM F963-11 Section 4.30 ASTM F963-11 Section 4.32 ASTM F963-11 Section 4.35 ASTM F963-11 Section 4.36
	Yo-yo Elastic Teether Toys Magnets (except labeling and/or instructional literature requirements)	ASTM F963-11 Section 4.37 ASTM F963-11 Section 4.38

Microbiological Testing

Products	Specific Tests	Method/ Reference
I. Foods		

01. Milk and Dairy products		
a. Milk powder and cream powder	Aerobic Plate Count <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001
01.2 Sweetened Condensed Milk	Aerobic Plate Count Coliform Count Yeast and Mold Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
01.3 Pasteurized Milk	Aerobic Plate Count Coliform Count <i>Listeria monocytogenes</i> <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001
01.4 Pasteurized cream	Aerobic Plate Count Coliform Count <i>Listeria monocytogenes</i> <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001

01.5 Yogurt and other fermented milk	Coliform Count <i>Salmonella</i> <i>Staphylococcus aureus</i>	Petrifim, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001 Conventional, BAM Online 2001
01.6 Cheese and Cheese Products; e.g., Cottage Cheese; Soft and semi-soft cheese	Coliform Count <i>E. coli</i> <i>Listeria monocytogenes</i> <i>Salmonella</i> <i>Staphylococcus aureus</i>	MPN Method, BAM Online 2001 Conventional, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001 Conventional, BAM Online 2001
01.7 Processed Cheese Spread	Aerobic Plate Count Coliform Count <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifim, AOAC 990.12; 991.14; 997.02 Conventional, BAM Online 2001
01.8 All Raw Milk Cheese; Raw Milk Un-ripened cheese with moisture>50%, pH>5.0	<i>Listeria monocytogenes</i> <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001 Conventional, BAM Online 2001
02 Fats, Oils and Fat Emulsions		

<p>02.1 Butter (whipped, pasteurized)</p>	<p>Aerobic Plate Count</p> <p>Yeast and Mold Count</p> <p>Coliform Count</p> <p><i>Staphylococcus aureus</i></p>	<p>Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Conventional, CMMEF 4th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Conventional, BAM Online 2001</p>
<p>02.2 Butter made from unpasteurized milk or milk products</p>	<p>Aerobic Plate Count</p> <p>Coliform Count <i>E. coli</i></p> <p><i>Listeria monocytogenes</i></p> <p><i>Salmonella</i></p> <p><i>Staphylococcus aureus</i></p>	<p>Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Petrifilm, AOAC 990.12; 991.14; 997.02; MPN Method, BAM Online 2001</p> <p>Conventional, BAM Online 2001</p> <p>Conventional, CMMEF 4th Ed. 2001</p> <p>Conventional, BAM Online 2001</p>

02.3 Margarine	<p>Aerobic Plate Count</p> <p>Fecal Coliform</p> <p>Yeast and Mold Count</p> <p><i>Listeria monocytogenes</i></p> <p><i>Salmonella</i></p> <p><i>Staphylococcus aureus</i></p>	<p>Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>MPN Method, BAM Online 2001</p> <p>Conventional, CMMEF 4th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Conventional, BAM Online 2001</p> <p>Conventional, CMMEF 4th Ed. 2001</p> <p>Conventional, BAM Online 2001</p>
03. Edible Ices, Including Sherbet and Sorbet		
03.1 Ice Cream & Sherbet (plain and flavored)	<p>Aerobic Plate Count</p> <p>Coliform Count</p> <p><i>Listeria monocytogenes</i></p> <p><i>Salmonella</i></p> <p><i>Staphylococcus aureus</i></p>	<p>Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Conventional, BAM Online 2001</p> <p>Conventional, CMMEF 4th Ed. 2001</p> <p>Conventional, BAM Online 2001</p>

03.2 Ice Cream with added ingredients (nuts, fruits, cocoa)	Aerobic Plate Count Coliform Count <i>Listeria monocytogenes</i> <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001 Conventional, BAM Online 2001
03.3 Flavored Ice	Aerobic Plate Count Coliform Count Yeast and Mold Count <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001
04. Confectioneries		
04.1 Cocoa Powder	Aerobic Plate Count Molds Count Coliform Count <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001

04.2 Chocolate Products	Aerobic Plate Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Molds Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Coliform Count	MPN Method, BAM Online 2001
	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
04.3 Chocolate Confectionaries (chocolate bars, blocks, bonbons)	Aerobic Plate Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Molds Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Coliform Count	MPN Method, BAM Online 2001
	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
04.4 Sugar Confectionaries (Hard and soft candies, toffees, caramel, fondants, creams, nougats and pastes)	Aerobic Plate Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Molds Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Coliform Count	MPN Method, BAM Online 2001
	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
05. Fruits and Vegetables, Nuts and Seeds		
05.1 Fermented Vegetables,	Coliform Count E. coli	MPN Method, BAM Online 2001

Ready to Eat (e.g., Kimchi)	Yeast and Mold Count <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001 Conventional, BAM Online 2001
05.2 Dried Vegetables	E. coli	MPN Method, BAM Online 2001
05.2 Peanut Butter and other Nut Butters	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
05.4 Sun Dried Fruits	Molds Count E. coli	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001
06. Egg and Egg Products		
06.1 Pasteurized Egg Products	Aerobic Plate Count Coliform Count Yeast and Molds Count <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001
07. Cereals and Cereal Products		

07.1 Breakfast cereals	Aerobic Plate Count Coliform Count Yeast Count Molds Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
07.2 Cereals/Cereal Grains	Aerobic Plate Count Coliform Count <i>E. coli</i> Yeast and Mold Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02; MPN Method, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
07.3 Soya Flours, Concentrates and Isolates	Molds Count Salmonella	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001
07.4 Flour, Corn meal, Corn grits, Semolina	Yeast Count Molds Count Coliform Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02
07.5 Soy Protein	Aerobic Plate Count Coliform Count <i>E. coli</i> Yeast and Molds Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02

	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
07.6 Tofu	<i>E. coli</i> <i>Staphylococcus aureus</i>	MPN Method, BAM Online 2001 Conventional Method, BAM Online 2001
07.7 Pasta Products and Noodles Uncooked (wet and dry)	Aerobic Plate Count Coliform Count Yeast and Molds Count <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001 Conventional Method, BAM Online 2001
07.8 Starch	Aerobic Plate Count Coliform Count Yeast and Molds Count <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001
08. Bakery Products		

08.1 Frozen Bakery products (ready to eat) with low-acid or high a_w fillings or toppings	<i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, CMMEF 4 th Ed. 2001 Conventional Method, BAM Online 2001
08.2 Frozen Bakery products (ready to eat) with low-acid or high a_w fillings or toppings	<i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, CMMEF 4 th Ed. 2001 Conventional Method, BAM Online 2001
08.3 Frozen and Refrigerated Doughs (Chemically leavened)	Aerobic Plate Count Coliform Count E. coli Yeast Count Mold Count <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001 Conventional, BAM Online 2001
08.4 Frozen and Refrigerated Doughs	Aerobic Plate Count Coliform Count Yeast Count Mold Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02

08.5 Baked Goods	Aerobic Plate Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Coliform Count	Petrifim, AOAC 990.12; 991.14; 997.02
	Yeast and Mold Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	<i>Staphylococcus aureus</i>	Conventional, BAM Online 2001
08.4 Coated or Filled, Dried Shelf- Stable Biscuits	Coliform Count	MPN Method, BAM Online 2001
	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
09. Ready to Eat Savouries		
09.1 Snack Foods	Aerobic Plate Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Yeast Count Mold Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Coliform Count	Petrifim, AOAC 990.12; 991.14; 997.02
10. Fish and Fish Products		

10.1 Fresh and Frozen Fish and Cold-Smoked	Aerobic Plate Count E. coli <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001 Conventional, BAM Online 2001
10.2 Pre-Cooked Breaded Fish	Aerobic Plate Count E. coli <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001 Conventional, BAM Online 2001
10.3 Frozen Raw Crustaceans	Aerobic Plate Count E. coli <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001 Conventional, BAM Online 2001

10.4 Frozen Cooked Crustaceans	Aerobic Plate Count <i>E. coli</i> <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001 Conventional Method, BAM Online Conventional, BAM Online 2001
10.5 Cooked, Chilled and Frozen Crabmeat	Aerobic Plate Count <i>E. coli</i> <i>Staphylococcus aureus</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001 Conventional, BAM Online 2001
10.6 Fresh and Frozen Bivalve Molluscs	Aerobic Plate Count <i>E. coli</i> <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 MPN Method, BAM Online 2001 Conventional, CMMEF 4 th Ed. 2001
11. Spices, Soups, Sauces, Salads and Protein Products		
11.1 Dry Mixes for Soup and Sauces	Aerobic Plate Count Coliform count Yeast and Mold Count <i>Salmonella</i>	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02

		Conventional, CMMEF 4 th Ed. 2001
11.2 Yeast	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
11.3 Spices	Aerobic Plate Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Molds Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
11.4 Spices (ready to eat)	Aerobic Plate Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Coliform count	Petrifilm, AOAC 990.12; 991.14; 997.02
	Mold Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
	<i>Staphylococcus aureus</i>	Conventional, BAM Online 2001
11.5 Salad Dressing (e.g., Mayonnaise, Thousand Island, Ranch, French)	Aerobic Plate Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	Yeast and Mold Count	Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
	<i>Listeria monocytogenes</i>	Conventional Method, BAM Online
	<i>Salmonella</i>	Conventional, CMMEF 4 th Ed. 2001
12. Beverages		

12.1 Non-alcoholic beverages (canned/bottled fruit and vegetable juices, energy drinks and particulated drinks, carbonated and non-carbonated water- based flavoured drinks and concentrates (liquid or solid) for water-based flavoured drinks)	Aerobic Plate Count Coliform count Yeast and Mold Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
12.2 Frozen Juice Concentrate	Aerobic Plate Count Yeast and Mold Count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Conventional, CMMEF 4 th Ed. 2001; Petrifilm, AOAC 990.12; 991.14; 997.02
12.3 Powdered Beverages (e.g., Iced tea, powdered juice/mixes)	Aerobic Plate Count Coliform count	Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02 Petrifilm, AOAC 990.12; 991.14; 997.02
13. Food for Infants and Young Children		
13.1 Powdered Infant Formula with or without added Lactic acid producing cultures (intended for 0 to 6 months)	<i>Salmonella</i> Coliform count E. coli	Conventional, CMMEF 4 th Ed. 2001 MPN Method, BAM Online 2001
13.2 Follow-up Formula/ Milk Supplement (Intended for infants 6 months on and for young	<i>Salmonella</i> Coliform count E. coli	Conventional, CMMEF 4 th Ed. 2001 MPN Method, BAM Online 2001

children 12-36 months of age)		
13.3 Dried and Instant products requiring reconstitution	<p>Aerobic Plate Count</p> <p>Coliform count</p> <p><i>Listeria monocytogenes</i></p> <p><i>Salmonella</i></p>	<p>Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>MPN Method, BAM Online 2001</p> <p>Conventional Method, BAM Online</p> <p>Conventional, CMMEF 4th Ed. 2001</p>
13.4 Dried products requiring reconstitution and boiling before consumption	<p>Aerobic Plate Count</p> <p>Coliform count</p> <p><i>Salmonella</i></p>	<p>Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>Conventional, CMMEF 4th Ed. 2001</p>
13.5 Cereal based foods for infants	<p>Aerobic Plate Count</p> <p>Coliform count</p> <p><i>Salmonella</i></p>	<p>Conventional, BAM Online 2001; Petrifilm, AOAC 990.12; 991.14; 997.02</p> <p>MPN Method, BAM Online 2001</p> <p>Conventional, CMMEF 4th Ed. 2001</p>
14. Test on Human Drugs, biological products and Medical Devices		
14.1 Herbal and Pharmaceutical Products	<p>Aerobic Plate Count</p> <p>E. coli detection</p> <p>Yeast and Mold Count</p>	<p>Pour Plate Method, USP XXXV 2012</p> <p>Conventional, USP XXXV 2012</p> <p>Pour Plate, USP XXXV 2012</p>

	<i>Pseudomonas aeruginosa</i> <i>Salmonella</i> <i>Staphylococcus aureus</i>	Conventional, USP XXXV 2012 Conventional, USP XXXV 2012 Conventional, USP XXXV 2012
15. Cosmetics, Perfumes and Essential Oils		
15.1 Cosmetic products	Aerobic Plate Count E. coli detection Yeast and Mold Count <i>Pseudomonas aeruginosa</i> <i>Staphylococcus aureus</i>	Spread Plate, BAM Online 2001/SASO Conventional, ISO 21150 Spread Plate, BAM Online 2001/SASO Conventional, ISO 22717 Conventional, ISO 22718
16. Water		
16.1 Bottled water	Heterotrophic Plate Count Coliform count E. coli <i>Pseudomonas aeruginosa</i> <i>Fecal streptococci</i>	Pour Plate, SMEWW 21 st Ed. 2012 MPN Method, SMEWW 21 st Ed. 2012 MPN Method, SMEWW 21 st Ed. 2012 MPN Method, SMEWW 21 st Ed. 2012

Legend to Reference Methods

AOAC - Association of Official Analytical Collaboration International

BAM - United States Food and Drug Administration Bacteriological Analytical Manual

SMEWW - Standard Methods for the Examination of Water and Wastewaters

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