

WORLD TRADE ORGANIZATION

RESTRICTED

G/SPS/W/18

16 June 1995

(95-1619)

Committee on Sanitary and Phytosanitary Measures

EXISTING INTERNATIONAL STANDARDS:

CODEX ALIMENTARIUS COMMISSION

Note by the Secretariat

1. The Codex Secretariat has provided the attached list of standards which have been adopted by the Codex Alimentarius Commission, or which have been proposed for adoption (or revision) by the Commission at its 21st Session of 3-8 July 1995. (These latter are dated 1995 in the attached list.) The list includes all Codex standards, guidelines and recommendations, including those related to quality, grading, composition, nutrition and other matters not directly relevant to the Agreement on Sanitary and Phytosanitary Measures.
2. The pesticides for which Codex has established Maximum Residue Limits (MRLs) and Extraneous Maximum Residue Limits (EMRLs) are listed in Annex A. Further information regarding the MRLs, including identification of the commodities for which they have been specified, is available upon request from either the WTO Secretariat or the Codex Secretariat.
3. Annex B contains Maximum Residue Limits for veterinary drugs, including the product for which they have been established.

LIST OF CODEX STANDARDS AND OTHER TEXTS

Title	Type	No.	Year	Last Revision
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GENERAL

Code of Ethics for International Trade in Food	CAC/RCP	20	1979	1985
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FOOD ADDITIVES*Standards*

Labelling of Food Additives when sold as such	CODEX STAN	107	1981	
Food Grade Salt	CODEX STAN	150	1985	
Food Additives: Preamble	CODEX STAN	192	1995	

Guidelines

Simple Evaluation of Food Additive Intake	CAC/GL	3	1989	
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Other texts

Information on the Use of Food Additives in Food International Numbering System for Food Additives The Principles Relating to the Carry-Over of Food Additives into Foods List of Codex Advisory Specifications for Food Additives General Requirements for Natural Flavourings Inventory of Processing Aids Specifications for the Identity and Purity of Food Additives	CAC/MISC	1	1989	
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CONTAMINANTS*Standards*

Irradiated Foods	CODEX STAN	106	1983	
Contaminants and Toxins in Foods: Preamble	CODEX STAN	193	1995	

Code of Practice

Operation of Irradiation Facilities used for the Treatment of Foods	CAC/RCP	19	1979	
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Guidelines

Guideline Levels for Radionuclides in Foods following accidental Nuclear Contamination for use in International Trade	CAC/GL	5	1989	
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Guideline Levels for Vinyl Chloride Monomer and Acrylonitrile in Food and Packaging Material	CAC/GL	6	1991
Guideline Levels for Methylmercury in Fish	CAC/GL	7	1991

FOOD HYGIENE

Codes of Practice

General Principles of Food Hygiene	CAC/RCP	1	1969	1985
Low-Acid and Acidified Low-Acid Canned Foods (Guidelines for the Salvage of Canned foods Exposed to Adverse Conditions)	CAC/RCP	23	1979	1993
Precooked and Cooked Foods in Mass Catering	CAC/RCP	39	1993	
Aseptically Processed and Packaged Low-Acid Foods	CAC/RCP	40	1993	
Spices and Dried Aromatic Plants	CAC/RCP	42	1995	
Preparation and Sale of Street-Vended Foods (Regional)	CAC/RCP	43	1995	

Guidelines

Preservation of Raw Milk by Lactoperoxidase System	CAC/GL	13	1991
Guideline Procedures for the Visual Inspection of Lots of Canned Foods	CAC/GL	17	1993
The Application of the Hazard Analysis Critical Control Point (HACCP) System	CAC/GL	18	1993

FOOD IMPORT AND EXPORT CERTIFICATION AND INSPECTION

Exchange of Information in Food Control Emergency Situations	CAC/GL	19	1995
Principles for Food Import and Export Certification and Inspection	CAC/GL	20	1995

FOOD LABELLING

Standards

Labelling of Prepackaged Foods	CODEX STAN	1	1985	1991
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Guidelines

Claims	CAC/GL	1	1979	1991
Nutrition Labelling	CAC/GL	2	1985	1993

METHODS OF ANALYSIS AND SAMPLING

Codex General Methods of Analysis for Contaminants Sampling Plans for Prepackaged Foods	CAC/RM	42	1969
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PESTICIDE RESIDUES IN FOODS (See Annex A)

Maximum Residue Limits (MRLs) for Pesticides	MRLs		1995
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Extraneous Maximum Residue Limits (EMRLs)	MRLs			1995
Classification of Foods and Animal Feeds				
Recommended Methods of Sampling for the Determination of Pesticide Residues				1995
Analysis of Pesticide Residues				1993
(Portion of Commodities to which Codex MRLs Apply and which is Analyzed)				
(Guidelines on Good Laboratory Practice in Pesticide Residue Analysis)				
(Recommended Methods of Analysis of Pesticide Residues)				
Definitions and References				1991
(Definitions for the Purpose of the Codex Alimentarius)				
(References to Previous Codex Publications on Codex MRLs)				
(References to FAO/WHO Publications Related to MRLs)				

RESIDUES OF VETERINARY DRUGS IN FOODS

(See Annex B)

Standards

Maximum Residue Limits for Veterinary Drugs in Food	MRLs			1995
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Code of Practice

Control of the Use of Veterinary Drugs	CAC/RCP	38		1993
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Guidelines

Establishment of a Regulatory Programme for Control of Veterinary Drug Residues in Foods	CAC/GL	16		1993
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Other text

Glossary of Terms and Definitions

CEREALS, PULSES AND LEGUMES

Standards

Gari	CODEX STAN	151	1989	1995
Wheat Flour	CODEX STAN	152	1985	1995
Maize (Corn)	CODEX STAN	153	1985	1995
Whole Maize (Corn) Meal	CODEX STAN	154	1985	1995
Degermed Maize (Corn) Meal and Maize (Corn) Grits	CODEX STAN	155	1985	1995
Whole and Decorticated Pearl Millet Grains	CODEX STAN	169	1989	1995
Pearl Millet Flour	CODEX STAN	170	1989	1995
Certain Pulses	CODEX STAN	171	1989	1995
Sorghum Grains	CODEX STAN	172	1989	1995
Sorghum Flour	CODEX STAN	173	1989	1995
Flour	CODEX STAN	176	1989	1995
Durum Wheat Semolina and Durum Wheat Flour	CODEX STAN	178	1992	1995
Rice	CODEX STAN	198	1995	

Wheat and Durum Wheat	CODEX STAN 199	1995
Peanuts	CODEX STAN 200	1995
Oats	CODEX STAN 201	1995
Couscous	CODEX STAN 202	1995

CHOCOLATE AND COCOA PRODUCTS

Standards

Cocoa Butters	CODEX STAN 86	1981
Chocolate	CODEX STAN 87	1981
Cocoa Powders and Cocoa Sugar Mixtures	CODEX STAN 105	1981
Cocoa (Cacao) Nib, Cocoa (Cacao) Mass, Cocoa Press Cake and Cocoa Dust (Cocoa Fines), for Use in the Manufacture of Cocoa and Chocolate Products	CODEX STAN 141	1983
Composite and Filled Chocolate	CODEX STAN 142	1983
Cocoa Butter	CODEX STAN 147	1985

EDIBLE ICES

Edible Ices and Ice Mixes (includes Microbiological Guidelines and Grouping of Ingredients for Labelling Purposes)	CODEX STAN 137	1981
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EGG PRODUCTS

Egg Products (includes Microbiological Specifications for Pasteurized Egg Products)	CAC/RCP 15	1976
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FATS AND OILS

Standards

Edible Fats and Oils not Covered by Individual Standards	CODEX STAN 19	1981
Edible Soya Bean Oil	CODEX STAN 20	1981
Edible Arachis Oil	CODEX STAN 21	1981
Edible Cotton Seed Oil	CODEX STAN 22	1981
Edible Sunflower Seed Oil	CODEX STAN 23	1981
Edible Rape Seed Oil	CODEX STAN 24	1981
Edible Maize Oil	CODEX STAN 25	1981
Edible Sesame Seed Oil	CODEX STAN 26	1981
Edible Safflower Seed Oil	CODEX STAN 27	1981
Lard	CODEX STAN 28	1981
Rendered Pork Fat	CODEX STAN 29	1981
Premier Jus	CODEX STAN 30	1981
Edible Tallow	CODEX STAN 31	1981
Margarine	CODEX STAN 32	1981
Olive Oil, Virgin and Refined, and Refined Olive-pomace Oil	CODEX STAN 33	1981
Edible Mustard Seed Oil	CODEX STAN 34	1981
Edible Low Erucic Acid Rape Seed Oil	CODEX STAN 123	1981
Edible Coconut Oil	CODEX STAN 124	1981

Edible Palm Oils	CODEX STAN	125	1981
Edible Palm Kernel Oil	CODEX STAN	126	1981
Edible Grape Seed Oil	CODEX STAN	127	1981
Edible Babassu Oil	CODEX STAN	128	1981
Minarine	CODEX STAN	135	1981
Specified Vegetable Fat Products	CODEX STAN	157	1987
Specified Animal or Mixed Animal and Vegetable Fat Products	CODEX STAN	158	1987
Edible Palm Olein	CODEX STAN	194	1995
Edible Palm Stearin	CODEX STAN	195	1995
Mayonnaise (Regional)	CODEX STAN	168	1989

Codes of Practice

Storage and Transport of Edible Oils and Fats in Bulk	CAC/RCP	36	1987
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FISH AND FISHERY PRODUCTS*Standards*

Canned Salmon	CODEX STAN	3	1981	1995
Quick Frozen Finfish, Eviscerated or Uneviscerated	CODEX STAN	36	1981	1995
Canned Shrimps or Prawns	CODEX STAN	37	1981	1995
Quick-Frozen Fillet of Cod and Haddock	CODEX STAN	50	1981	
Quick-Frozen Fillets of Ocean Perch	CODEX STAN	51	1981	
Canned Tuna and Bonito	CODEX STAN	70	1981	1995
Canned Crab Meat	CODEX STAN	90	1981	1995
Quick-Frozen Fillets of Flat Fish	CODEX STAN	91	1981	
Quick Frozen Shrimps or Prawns	CODEX STAN	92	1981	1995
Quick Frozen Fillets of Hake	CODEX STAN	93	1981	
Sardines and Sardine-Type Products	CODEX STAN	94	1981	1995
Quick Frozen Lobsters	CODEX STAN	95	1981	1995
Canned Finfish	CODEX STAN	119	1981	1995
Quick Frozen Blocks of Fish Fillets, Minced Fish Flesh and Mixtures of Fillets and Minced Fish Flesh	CODEX STAN	165	1989	1995
Quick Frozen Fish Sticks (Fish Fingers), Fish Portions and Fish Fillets - Breaded or in Batter	CODEX STAN	166	1989	1995
Salted Fish and Dried Salted Fish of the Gadidae Family of Fishes	CODEX STAN	167	1989	1995
Dried Shark Fins	CODEX STAN	189	1993	
Quick Frozen Fish Fillets	CODEX STAN	190	1995	
Quick Frozen Raw Squid	CODEX STAN	191	1995	

Codes of Practice

Fresh Fish	CAC/RCP	9	1976
Canned Fish	CAC/RCP	10	1976
Frozen Fish	CAC/RCP	16	1978
Shrimps or Prawns (End Product Specifications-microbiological Criteria)	CAC/RCP	17	1978
Molluscan Shellfish	CAC/RCP	18	1978
Lobsters	CAC/RCP	24	1979
Smoked Fish	CAC/RCP	25	1979
Salted Fish	CAC/RCP	26	1979
Minced Fish prepared by Mechanical Separation	CAC/RCP	27	1983

Crabs	CAC/RCP	28	1983
Frozen Battered and/or Breaded Fishery Products	CAC/RCP	35	1985
Cephalopods	CAC/RCP	37	1989

FROG LEGS

Processing of Frog Legs	CAC/RCP	30	1983
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FRUIT JUICES

Standards

Apricot Nectar Preserved Exclusively by Physical Means	CODEX STAN	44	1981
Peach Nectar Preserved Exclusively by Physical Means	CODEX STAN	44	1981
Pear Nectar Preserved Exclusively by Physical Means	CODEX STAN	44	1981
Orange Juice Preserved Exclusively by Physical Means	CODEX STAN	45	1981
Grapefruit Juice Preserved Exclusively by Physical Means	CODEX STAN	46	1981
Lemon juice Preserved Exclusively by Physical Means	CODEX STAN	47	1981
Apple Juice Preserved Exclusively by Physical Means	CODEX STAN	48	1981
Tomato juice Preserved Exclusively by Physical Means	CODEX STAN	49	1981
Concentrated Apple Juice Preserved Exclusively by Physical Means	CODEX STAN	63	1981
Concentrated Orange Juice Preserved Exclusively by Physical Means	CODEX STAN	64	1981
Grape Juice Preserved Exclusively by Physical Means	CODEX STAN	82	1981
Concentrated Grape Juice Preserved Exclusively by Physical Means	CODEX STAN	83	1981
Concentrated Labrusca Type Grape Juice, Sweetened Preserved Exclusively by Physical Means	CODEX STAN	84	1981
Pineapple Juice Preserved Exclusively by Physical Means	CODEX STAN	85	1981
Non-pulpy Black currant Nectar Preserved Exclusively by Physical Means	CODEX STAN	101	1981
Black currant juice Preserved Exclusively by Physical Means	CODEX STAN	120	1981
Concentrated Black currant Juice Preserved Exclusively by Physical Means	CODEX STAN	121	1981
Pulpy Nectars of Certain Small Fruits Preserved Exclusively by Physical Means	CODEX STAN	122	1981
Nectars of Certain Citrus Fruits Preserved Exclusively by Physical Means	CODEX STAN	134	1981
Concentrated Pineapple Juice Preserved Exclusively by Physical Means	CODEX STAN	138	1983
Concentrated Pineapple juice with Preservatives for Manufacturing	CODEX STAN	139	1983
Guava Nectar Preserved Exclusively by Physical Means	CODEX STAN	148	1985
Liquid Pulpy Mingo Products Preserved Exclusively by Physical Means	CODEX STAN	149	1985
Fruit Nectars Preserved Exclusively by Physical Means not Covered by Individual Standards	CODEX STAN	161	1989
Fruit juices Preserved Exclusively by Physical Means not Covered by Individual Standards	CODEX STAN	164	1989
General Standard for Vegetable Juices	CODEX STAN	179	1991

Guidelines

Mixed Fruit juices	CAC/GL	11	1991
Mixed Fruit Nectars	CAC/GL	12	1991

MEAT AND POULTRY PRODUCTS*Standards*

Corned Beef	CODEX STAN	88	1981	1991
Luncheon Meat	CODEX STAN	89	1981	1991
Cooked Cured Ham	CODEX STAN	96	1981	1991
Cooked Cured Pork Shoulder	CODEX STAN	97	1981	1991
Cooked Cured Chopped Meat	CODEX STAN	98	1981	1991

Codes of Practice

Processed Meat and Poultry Products	CAC/RCP	13	1976	1985
Poultry Processing	CAC/RCP	14	1976	
Production, Storage and Composition of Mechanically Separated Meat and Poultry Meat intended for Further Processing	CAC/RCP	32	1983	

Guidelines

Guide for the Microbiological Quality of Spices and Herbs Used in Processed Meat and Poultry Products	CAC/GL	14	1991
Use of Non-Meat Protein Products in Processed Meat and Poultry Products	CAC/GL	15	1991

MEAT HYGIENE

Fresh Meat	CAC/RCP	11	1976	1993
Game	CAC/RCP	29	1983	1993
Ante-Mortem and Post-Mortem Inspection of Slaughter Animals and for Ante-Mortem and Post-Mortem Judgement of Slaughter Animals and Meat	CAC/RCP	41	1993	

MILK PRODUCTS*Standards*

Butter and Whey Butter	CODEX STAN	A-1	1971
Butteroil and Anhydrous Butteroil and Anhydrous Milkfat	CODEX STAN	A-2	1973
Evaporated Milk and Evaporated Skimmed Milk	CODEX STAN	A-3	1971
Sweetened Condensed Milk and Skimmed Sweetened Condensed Milk	CODEX STAN	A-4	1971
Whole Milk Powder, Partly Skimmed Milk Powder and Skimmed Milk Powder	CODEX STAN	A-5	1971
General Standard for Cheese	CODEX STAN	A-6	1978
General Standard for Whey Cheeses	CODEX STAN	A-7	1971
General Standard for Named Variety Process(ed) Cheese and Spreadable Process(ed) Cheese	CODEX STAN	A-8(a)	1978

General Standard for Process(ed) Cheese and Spreadable Process(ed) Cheese	CODEX STAN	A-8(b)	1978
General Standard for Process(ed) Cheese Preparations	CODEX STAN	A-8(c)	1978
Cream for Direct Consumption	CODEX STAN	A-9	1976
Cream Powder, Half Cream Powder and High Fat Milk Powder	CODEX STAN	A-10	1971
Yoghurt (Yogurt) and Sweetened Yoghurt (Sweetened Yogurt)	CODEX STAN	A-11(a)	1975
Flavoured Yoghurt (Yogurt) and Products Heat-treated after Fermentation	CODEX STAN	A-11(b)	1976
Draft Standard for Whey Powders	CODEX STAN	A-15	1995
Draft Standard for Edible Casein Products	CODEX STAN	A-18	1995
Cheddar	CODEX STAN	C-1	1966
Danablu	CODEX STAN	C-2	1966
Danbo	CODEX STAN	C-3	1966
Edam	CODEX STAN	C-4	1966
Gouda	CODEX STAN	C-5	1966
Havarti	CODEX STAN	C-6	1966
Samsøe	CODEX STAN	C-7	1966
Cheshire	CODEX STAN	C-8	1967
Emmentaler	CODEX STAN	C-9	1967
Gruyere	CODEX STAN	C-10	1967
Tilsiter	CODEX STAN	C-11	1968
Limburger	CODEX STAN	C-12	1968
Saint Paulin	CODEX STAN	C-13	1968
Svecia	CODEX STAN	C-14	1968
Provolone	CODEX STAN	C-15	1968
Cottage Cheese incl. Creamed Cottage Cheese	CODEX STAN	C-16	1968
Butterkase	CODEX STAN	C-17	1969
Coulommiers	CODEX STAN	C-18	1969
Gudbrandsdalsost (whey cheese)	CODEX STAN	C-19	1969
Harzer Kase	CODEX STAN	C-20	1969
Herrgardsost	CODEX STAN	C-21	1969
Hushallsost	CODEX STAN	C-22	1969
Norvegia	CODEX STAN	C-23	1969
Maribo	CODEX STAN	C-24	1969
Fynbo	CODEX STAN	C-25	1969
Esrom	CODEX STAN	C-26	1972
Romadur	CODEX STAN	C-27	1972
Amsterdam	CODEX STAN	C-28	1972
Leidse	CODEX STAN	C-29	1972
Friese	CODEX STAN	C-30	1972
Cream Cheese	CODEX STAN	C-31	1973
Certain Blue Veined Cheeses	CODEX STAN	C-32	1973
Camembert	CODEX STAN	C-33	1973
Brie	CODEX STAN	C-34	1973
Extra Hard Grating Cheese	CODEX STAN	C-35	1978

Code of Practice

Dried Milk	CAC/RCP	31	1983
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Other text

Code of Principles concerning Milk and Milk Products

NATURAL MINERAL WATERS*Standard*

Natural Mineral Waters	CODEX STAN	108	1981
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Codes of Practice

Collecting, Processing and Marketing of Natural Mineral Waters	CAC/RCP	33	1985
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PROCESSED FRUITS AND VEGETABLES*Standards*

Canned Tomatoes	CODEX STAN	13	1981
Canned Peaches	CODEX STAN	14	1981
Canned Grapefruit	CODEX STAN	15	1981
Canned Green Beans and Wax Beans	CODEX STAN	16	1981
Canned Applesauce	CODEX STAN	17	1981
Canned Sweet Corn	CODEX STAN	18	1981
General Standard for Edible Fungi and Fungus Products	CODEX STAN	38	1981
Dried Edible Fungi	CODEX STAN	39	1981
Fresh Fungus "Chanterelle"	CODEX STAN	40	1981
Canned Pineapple	CODEX STAN	42	1981 1987
Canned Mushrooms	CODEX STAN	55	1981
Canned Asparagus	CODEX STAN	56	1981
Processed Tomato Concentrates	CODEX STAN	57	1981
Canned Green Peas	CODEX STAN	58	1981
Canned Plums	CODEX STAN	59	1981
Canned Raspberries	CODEX STAN	60	1981
Canned Pears	CODEX STAN	61	1985
Canned Strawberries	CODEX STAN	62	1987
Table Olives	CODEX STAN	66	1981 1987
Raisins	CODEX STAN	67	1981
Canned Mandarin Oranges	CODEX STAN	68	1981
Canned Fruit Cocktail	CODEX STAN	78	1981
Jams (Fruit Preserves) and jellies	CODEX STAN	79	1981
Citrus Marmalade	CODEX STAN	80	1981
Canned Mature Processed Peas	CODEX STAN	81	1981
Canned Tropical Fruit Salad	CODEX STAN	99	1981
Pickled Cucumbers	CODEX STAN	115	1981
Canned Carrots	CODEX STAN	116	1981
Canned Apricots	CODEX STAN	129	1981
Dried Apricots	CODEX STAN	130	1981
Unshelled Pistachio Nuts	CODEX STAN	131	1981
Dates	CODEX STAN	143	1985
Canned Palmito	CODEX STAN	144	1985
Canned Chestnuts and Chestnut Purée	CODEX STAN	145	1985
Canned Mangoes	CODEX STAN	159	1987
Mango Chutney	CODEX STAN	160	1987
Grated Desiccated Coconut	CODEX STAN	177	1991
Vinegar (Regional)	CODEX STAN	162	1987

Codes of Practice

Canned Fruit and Vegetable Products	CAC/RCP	2	1969
Dried Fruits	CAC/RCP	3	1969
Desiccated Coconut (End Product Specifications- Microbiological Criteria)	CAC/RCP	4	1971
Dehydrated Fruits and Vegetables including Edible Fungi	CAC/RCP	5	1971
Tree Nuts	CAC/RCP	6	1972
Groundnuts (Peanuts)	CAC/RCP	22	1979

QUICK FROZEN FRUITS AND VEGETABLES*Standards*

Quick Frozen Peas	CODEX STAN	41	1981
Quick Frozen Strawberries	CODEX STAN	52	1981
Quick Frozen Raspberries	CODEX STAN	69	1981
Quick Frozen Peaches	CODEX STAN	75	1981
Quick Frozen Bilberries	CODEX STAN	76	1981
Quick Frozen Spinach	CODEX STAN	77	1981
Quick Frozen Blueberries	CODEX STAN	103	1981
Quick Frozen Leek	CODEX STAN	104	1981
Quick Frozen Broccoli	CODEX STAN	110	1981
Quick Frozen Cauliflower	CODEX STAN	111	1981
Quick Frozen Brussels Sprouts	CODEX STAN	112	1981
Quick Frozen Green and Wax Beans	CODEX STAN	113	1981
Quick Frozen French Fried Potatoes	CODEX STAN	114	1981
Quick Frozen Whole Kernel Corn	CODEX STAN	132	1981
Quick Frozen Corn-on-the-Cob	CODEX STAN	133	1981
Quick Frozen Carrots	CODEX STAN	140	1983

Code of Practice

Processing and Handling of Quick Frozen Foods (Method for Checking Product Temperature) (Code of Practice for the Handling of Quick Frozen Foods during Transport)	CAC/RCP	8	1976	1983
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SOUPS AND BROTHS

Bouillons and Consommés	CODEX STAN	117	1981	1995
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FOODS FOR SPECIAL DIETARY USES*Standards*

Foods for Low-Sodium Content	CODEX STAN	53	1981
Infant Formula	CODEX STAN	72	1981
Canned Baby Foods	CODEX STAN	73	1981
Processed Cereal-Based Foods for Infants and Children	CODEX STAN	74	1981
Gluten-Free Foods	CODEX STAN	118	1981
General Standard for the Labelling of and Claims for Prepackaged Foods for Special Dietary Use	CODEX STAN	146	1985
Follow-up formula	CODEX STAN	156	1987

Labelling of and Claims for Foods for Special Medical Purposes	CODEX STAN	180	1991
Formula Foods for Use in Weight Control Diets	CODEX STAN	181	1991
Draft Standard for Formula Foods for Use in Very Low Energy Diets for Weight Reduction	CODEX STAN	203	1995

Code of Practice

Foods for Infants and Children	CAC/RCP	21	1979
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Guidelines

Formulated Supplementary Foods for Older Infants and Young Children	CAC/GL	8	1991
General Principles for the Addition of Essential Nutrients to Foods	CAC/GL	9	1987
Advisory List of Mineral Salts and Vitamin compounds for Use in Foods for Infants and Children	CAC/GL	10	1979

SUGARS AND HONEY*Standards*

White Sugar	CODEX STAN	4	1981
Powdered Sugar (icing sugar)	CODEX STAN	5	1981
Soft Sugar	CODEX STAN	6	1981
Anhydrous Dextrose	CODEX STAN	7	1981
Monohydrate Dextrose	CODEX STAN	8	1981
Glucose Syrup	CODEX STAN	9	1981
Dried Glucose Syrup	CODEX STAN	10	1981
Lactose	CODEX STAN	11	1981
Honey	CODEX STAN	12	1981 1987
Powdered Dextrose (icing dextrose)	CODEX STAN	54	1981
Fructose	CODEX STAN	102	1981

TROPICAL FRESH FRUITS AND VEGETABLES*Standards*

Pineapple	CODEX STAN	182	1993
Papaya	CODEX STAN	183	1993
Mango	CODEX STAN	184	1993
Nopal	CODEX STAN	185	1993
Prickly Pear	CODEX STAN	186	1993
Carambola	CODEX STAN	187	1993
Baby Corn	CODEX STAN	188	1993
Litchi	CODEX STAN	196	1995
Avocado	CODEX STAN	197	1995

Code of Practice

Packaging and Transport of Tropical Fresh Fruit and Vegetables	CAC/RCP	44	1995
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VEGETABLE PROTEIN PRODUCTS

Standards

Wheat Gluten	CODEX STAN	163	1987
Vegetable Protein Products	CODEX STAN	174	1989
Soy Protein Products	CODEX STAN	175	1989

Guidelines

Utilization of Vegetable Protein Products (VPP) in Foods	CAC/GL	4	1989
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ANNEX A

CODEX MAXIMUM RESIDUE LIMITS FOR PESTICIDES

AND

CODEX EXTRANEEOUS MAXIMUM RESIDUE LIMITS

INTRODUCTION

This document lists all Codex Maximum Residue Limits for pesticides and Codex Extraneous Maximum Residue Limits adopted by the Commission up to and including its 20th Session and those submitted to the 21st Session for adoption. The pesticides have been listed in alphabetical order, and the Codex code number of each identified. The missing code numbers represent pesticides for which (a) Codex maximum residue limits or extraneous residue limits are being elaborated, (b) for which previously established Codex MRLs have been withdrawn, or (c) for which only "guideline levels" have been recommended by the Joint Meeting on Pesticide Residues pending toxicological clearance of the pesticide and its residues.

BASIS FOR ESTABLISHMENT OF CODEX MAXIMUM RESIDUE LIMITS AND CODEX EXTRANEEOUS RESIDUE LIMITS

Codex "Maximum Residue Limits" (MRLs) are recommended on the basis of appropriate residue data obtained mainly from supervised trials. The residue data thus obtained reflect registered or approved usage of the pesticide in accordance with "good agricultural practices". These may vary considerably from region to region owing to differences in local pest control requirements which are due to a variety of reasons. Consequently, residues in food, particularly at a point close to harvest may also vary. In establishing Codex MRLs, these variations in residues due to differences in "good agricultural practices" are taken into consideration, as far as possible on the basis of available data,

As Codex MRLs cover a wide spectrum of use patterns and "good agricultural practices" and need to reflect residue levels closely following harvest, they may occasionally be higher than the levels of residues found in national surveillance activities. This may be especially so with easily degradable pesticides and when analysis is carried out at a point in the distribution chain far removed from the last application of the pesticide.

Codex MRLs are established only where there is supporting evidence concerning the safety to humans of the resulting residues as determined by the joint FAO/WHO Meeting on Pesticide Residues and this means that Codex Maximum Residue Limits represent residue levels which are toxicologically acceptable.

Another type of Codex Maximum Limit, the Codex "Extraneous Maximum Residue Limit" (EMRL), covers residues arising from environmental contamination or uses of pesticides other than agricultural uses. It is mainly based on residue data obtained from national food control or monitoring activities. Codex EMRLs need to cover widely varying residue levels in food reflecting differing situations in respect of contamination of food by environmental and persistent pesticide residues. For this reason, Codex EMRLs cannot always reflect strictly the actual local residue situation existing in given countries or regions. Codex EMRLs represent acceptable residue levels which are intended to facilitate international trade in food while protecting the health of the consumer. They are established only when there is supporting evidence concerning the safety to humans of the residues as determined by the joint FAO/WHO Meeting on Pesticide Residues.

CODEX MAXIMUM RESIDUE LIMITS AND CONSUMER PROTECTION: DETERMINATION OF TOTAL DAILY INTAKE OF PESTICIDE RESIDUES

The primary purpose of setting maximum limits for pesticide residues in food and in some cases, in animal feeds, is to protect the health of the consumer. Codex MRLs and EMRLs serve that primary purpose as they help to ensure that only the minimum amount of pesticide is applied to food consistent with real pest control needs. Codex Maximum Residue Limits are based on residue data from supervised trials and not directly derived from Acceptable Daily Intakes (ADIs), which are a quantitative expression

of acceptable daily amounts of residue which persons may ingest on a long term basis and which are established on the basis of appropriate toxicological data mainly from animal studies.

The acceptability of Codex Maximum Residue Limits is judged on the basis of a comparison of the acceptable daily intake with estimated daily intakes, as determined on the basis of suitable intake studies. Intake data from such studies, compared with acceptable daily intakes, help in determining the safety of foods in respect of pesticide residues. Guidelines for predicting Dietary Intakes of Pesticide Residues have been prepared under the joint sponsorship of UNEP, FAO and WHO.¹

CODEX MAXIMUM RESIDUE LIMITS FOR PROCESSED FOODS

As a rule, Codex MRLs and EMRLs are established for raw agricultural commodities. However, where it is considered necessary for consumer protection and facilitation of trade, MRLs and EMRLs are also established for certain processed foods on a case-by-case basis, taking into consideration information on the influence of processing on residues.

¹Guidelines for Predicting Dietary Intake of Pesticide Residues, Joint UNEP/FAO/WHO, World Health Organization, Geneva 1989.

LIST OF PESTICIDES IN ALPHABETICAL ORDER

23	1,2-DIBROMOETHANE	98	DIALIFOS	147	METHOPRENE
24	1,2-DICHLOROETHANE	22	DIAZINON	52	METHYL BROMIDE
121	2,4,5-T	82	DICHLORFLUANID	186	METIRAM
20	2,4-D	25	DICHILORVOS	53	MEVINPHOS
177	ABAMECTIN	83	DICLORAN	54	MONOCROTOPHOS
95	ACEPHATE	26	DICOFOL	181	MYCLOBUTANIL
117	ALDICARB	130	DIFLUBENZURON	140	NITROFEN
1	ALDRIN AND DIELDRIN	151	DIMTHIPIN	55	OMETHOATE
134	AMINOCARB	27	DIMETHOATE	56	ORTHO-PHENYLPHENOL
122	AMITRAZ	87	DINOCAP	126	OXAMYL
79	AMITROLE	28	DIOXATHION	166	OXYDEMETON-METHYL
163	ANILAZINE	29	DIPHENYL	161	PACLOBUTRAZOL
68	AZINPHOS-ETHYL	30	DIPHENYLAMINE	57	PARAQUAT
2	AZINPHOS-METHYL	31	DIQUAT	58	PARATHION
129	AZOCYCLOTIN	74	DISULFOTON	59	PARATHION-METHYL
155	BENALAXYL	180	DITHIANON	182	PENCONAZOLE
137	BENDIOCARB	105	DITHIOCARBAMATES	120	PERMETHRIN
69	BENOMYL	84	DODINE	127	PHENOTHRIN
172	BENTAZONE	99	EDIFENPHOS	128	PHENTHOATE
178	BIFENTHRIN	32	ENDOSULFAN	112	PHORATE
3	BINAPACRYL	33	ENDRIN	60	PHOSALONE
93	BIORESMETHRIN	106	ETHEPHON	103	PHOSMET
144	BITERTANOL	107	ETHIOFENCARB	61	PHOSPHAMIDON
47	BROMDE ION	34	ETHION	141	PHOXIM
4	BROMOPHOS	184	ETHOFENPROX	62	PIPERONYL BUTOXIDE
5	BROMOPHOS-ETHYL	149	ETHOPROPHOS	101	PIRIMICARB
70	BROMOPROPYLATE	35	ETHOXYQUIN	86	PIRIMIPHOS-METHYL
173	BUPROFEZIN	108	ETHYLENE THIOUREA (ETU)	142	PROCHLORAZ
139	BUTOCARBOXIM			136	PROCYMIDONE
174	CADUSAFOS	123	ETRIMFOS	171	PROFENOFOS
71	CAMPHECHLOR	85	FENAMIPHOS	148	PROPAMOCARB
6	CAPTAFOF	109	FENBUTATIN OXIDE	113	PROPARGITE
7	CAPTAN	36	FENCHLORPHOS	183	PROPHAM
8	CARBARYL	37	FENITROTHION	160	PROPICONAZOLE
72	CARBENDAZIM	185	FENPROPATHRIN	75	PROPOXUR
96	CARBOFURAN	188	FENPROPIMORPH	150	PROPYLENE THIOUREA (PTU)
9	CARBON DISULPHIDE	38	FENSULFOTHION		
10	CARBON TETRACHLORIDE	39	FENTHION	153	PYRAZOPHOS
11	CARBOPHENOTHION	40	FENTIN	63	PYRETHRINS
145	CARBOSULFAN	119	FENVALERATE	64	QUINTOZENE
97	CARTAP	152	FLUCYTHRINATE	89	SEC-BUTYLAMINE
80	CHINOMETHIONAT	165	FLUSILAZOLE	189	TEBUCONAZOLE
12	CHLORDANE	41	FOLPET	115	TECNAZENE
13	CHLORDIMEFORM	42	FORMOTHION	190	TEFLUBENZURON
14	CHLORFENVINPHOS	175	GLUFOSINATE-AMMONIUM	167	TERBUFOS
15	CHLORMEQUAT	158	GLYPHOSATE	65	THIABENDAZOLE
16	CHLOROBENZILATE	114	GUAZATINE	154	THIODICARB
81	CHLOROTHALONIL	43	HEPTACHLOR	76	THIOMETON
17	CHLORPYRIFOS	44	HEXACHLOROENZENE	77	THIOPHANATE-METHYL
90	CHLORPYRIFOS-METHYL	170	HEXACONAZOLE	191	TOLCLOFOS-METHYL
187	CLETHODIM	176	HEXYTHIAZOX	162	TOLYLFLUANID
156	CLOFENTEZINE	45	HYDROGEN CYANIDE	133	TRIADIMEFON
18	COUMAPHOS	46	HYDROGEN PHOSPHIDE	168	TRIADIMENOL
19	CRUFOMATE	110	IMAZALIL	143	TRIAZOPHOS
91	CYANOFENPHOS	111	IPRODIONE	66	TRICHLORFON
179	CYCLOXYDIM	131	ISOENPHOS	116	TRIFORINE
157	CYFLUTHRIN	88	LEPTOPHOS	78	VAMIDOTHION
146	CYHALOTHRIN	48	LINDANE	159	VINCLOZOLIN
67	CYHEXATIN	49	MALATHION		
118	CYPERMETHRIN	102	MALEIC HYDRAZIDE		
169	CYROMAZINE	50	MANCOZEB		
104	DAMINOZIDE	124	MECARBAM		
21	DDT	138	METALAXYL		
135	DELTAMETHRIN	125	METHACRIFOS		
92	DEMETON	100	METHAMIDOPHOS		
73	DEMETON-S-METHYL	51	METHIDATHION		
164	DEMETON-S- METHYLSULPHON	132	METHIOCARB		
		94	METHOMYL		

ANNEX B

CODEX MAXIMUM RESIDUE LIMITS

FOR VETERINARY DRUGS

Note: "8" in the column "adoption" indicates that the MRL is being submitted to the 21st Session of the Codex Alimentarius Commission, 3-8 July 1995, for adoption.

Commodity	MRL	Residue	Adoption
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Albendazole

ADI: 0-50 µg/kg. body weight

Liver and kidney	5000 µg/kg.	2-Aminosulfone metabolite	(1993)
Muscle, fat and milk	100 µg/kg.	2-Aminosulfone metabolite	(1993)

Benzympenicillin

ADI: 30 µg/person/day

Liver, kidney and muscle (cattle and pigs)	50 µg/kg.	Benzympenicilin	(1993)
Milk (cattle)	4 µg/kg.	Benzympenicillin	(1993)

Bovine Somatotropins

ADI: Not specified

Muscle, fat, liver, kidney and milk (cattle)	Not specified	Not applicable	8
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Carbadox

ADI: Limited acceptance

Liver (pigs)	30 µg/kg.	Quinoxaline-2-carboxylic acid	(1993)
Muscle (pigs)	5 µg/kg.	Quinoxaline-2-carboxylic acid	(1993)

Closantel

ADI: 0-30 µg/kg. body weight

Fat (sheep)	2000 µg/kg.	Closantel	(1993)
Kidney (sheep)	5000 µg/kg.	Closantel	(1993)
Kidney and fat (cattle)	3000 µg/kg.	Closantel	(1993)
Muscle and liver (cattle)	1000 µg/kg.	Closantel	(1993)
Muscle and liver (sheep)	1500 µg/kg.	Closantel	(1993)

Commodity	MRL	Residue	Adoption
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Estradiol 17-

ADI: Unnecessary

Foods of bovine origin	Unnecessary	Estradiol-17	8
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Flubendazole

ADI: 0-12 µg/kg. body weight

Eggs	400 µg/kg.	Flubendazole	8
Liver (poultry)	500 µg/kg.	Flubendazole	8
Muscle (poultry)	200 µg/kg.	Flubendazole	8
Muscle and liver (pigs)	10 µg/kg.	Flubendazole	8

Isometamidium

ADI: 0-100 µg/kg. body weight

Kidney (cattle)	1000 µg/kg.	Isometamidium	8
Liver (cattle)	500 µg/kg.	Isometamidium	8
Muscle, fat and milk (cattle)	100 µg/kg.	Isometamidium	8

Ivermectin

ADI: 0-1 µg/kg. body weight

Fat (cattle)	40 µg/kg.	22,23-Dihydroivermectin B1a (H2B1a)	(1993)
Fat (sheep, pigs)	20 µg/kg.	22,23-Dihydroivermectin B1a (H2B1a)	(1993)
Liver (cattle)	100 µg/kg.	22,23-Dihydroivermectin B1a (H2B1 a)	(1993)
Liver (sheep, pigs)	15 µg/kg.	22,23-Dihydroivermectin B1a (H2B1a)	(1993)

Commodity	MRL	Residue	Adoption
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Oxytetracycline

ADI: 0-3 µg/kg. body weight

Eggs (chickens)	200 µg/kg.	Oxytetracycline	(1993)
Fat (cattle, sheep, pigs, chickens, turkeys)	10 µg/kg.	Oxytetracycline	(1993)
Kidney (cattle, sheep, pigs, chickens, turkeys)	600 µg/kg.	Oxytetracycline	(1993)
Liver (cattle, sheep, pigs, chickens, turkeys)	300 µg/kg.	Oxytetracycline	(1993)
Milk (cattle)	100 µg/kg.	Oxytetracycline	(1993)
Muscle (cattle, sheep, pigs, chickens, turkeys, fish)	100 µg/kg.	Oxytetracycline	(1993)

Progesterone

ADI: Unnecessary

Foods of bovine origin	Unnecessary	Progesterone	8
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Sulfadimidine

ADI: 0-50 µg/kg. body weight

Meat, liver, kidney and fat	100 µg/kg.	Sulfadimidine	8
Milk (cattle)	25 µg/l	Sulfadimidine	8

Testosterone

ADI: Unnecessary

Foods of bovine origin	Unnecessary	Testosterone	8
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Thiabendazole

ADI: 0-100 µg/kg. body weight

Muscle, liver, kidney, fat (cattle, pigs, goats, sheep) and milk (cattle, goats)	100 µg/kg.	Sum of thiabendazole and 5-hydroxythiabendazole	8
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Commodity	MRL	Residue	Adoption
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Trenbolone acetate

ADI: 0-0.02 µg/kg. body weight

Liver (cattle)	10 µg/kg.	alpha-Trenbolone	8
Muscle (cattle)	2 µg/kg.	-Trenbolone	8

Zeranol

ADI: 0-0.5 µg/kg. body weight

Bovine liver	10 µg/kg.	Zeranol	8
Bovine muscle	2 µg/kg.	Zeranol	8