

Unofficial translation

**MINISTRY OF AGRICULTURE
AND RURAL DEVELOPMENT**

**SOCIALIST REPUBLIC OF VIET NAM
Independence - Freedom – Happiness**

No. 29/2010/TT-BNNPTNT

Hanoi, May 6, 2010

CIRCULAR

Promulgating the lists of food safety criteria and maximum levels thereof in certain domestically-produced or imported foodstuffs of animal origin under the management of the Ministry of Agriculture and Rural Development

Pursuant to the Decrees No. 01/2008/ND-CP of January 3, 2008 defining the functions, tasks, powers and organizational structure of the Ministry of Agriculture and Rural Development; No. 75/2009/ND-CP of September 10, 2009 amending Article 3 of the Decree No. 01/2008/ND-CP of January 3, 2008 defining the functions, tasks, powers and organizational structure of the Ministry of Agriculture and Rural Development;

Pursuant to the Ordinance No. 12/2003/PL-UBTVQH of July 26, 2003 by Vietnamese Standing Committee of National Assembly on Food Hygiene and Safety.

Pursuant to the Decree No. 163/2004/ND-CP of September 7, 2004 detailing some provisions of the Ordinance on Food Hygiene and Safety.

The Ministry of Agriculture and Rural Development promulgates the lists of food safety criteria and maximum levels thereof in certain domestically-produced or imported foodstuffs of animal origin.

Article 1. This Circular includes:

1. The list of food safety criteria and maximum levels thereof in certain foodstuffs of terrestrial animal origin (Appendix 1);

2. The list of food safety criteria and maximum levels thereof in certain foodstuffs of aquatic animal origin (Appendix 2);

Article 2. These lists are legal basis for inspecting bodies to make decision on criteria to be analyzed. The decision on criteria to be analyzed shall be based on the lists above and the following informations:

1. Compliance history of producers and importers;
2. Current situation of food safety risks in production area or country of origin;
3. Status of consignments and their accompanying documents;
4. Criteria to be analyzed shall be approved by leaders of inspecting bodies in compliance with guidelines of higher authorities.

Article 3. This Circular takes effect as of July 1, 2010.

Article 4. These lists shall be reviewed, modified and supplemented as necessary to meet management requirements. Any problems arising in the course of implementation should be promptly reported to the Ministry of Agriculture and Rural Development for settlement.

Article 5. The Chief of the Ministry's Office, the Director General of the National Agro-Forestry-Fisheries Quality Assurance Department, Heads of units under the Ministry, involved individuals and organizations are responsible for the implementation of this Circular.

FOR THE MINISTER
VICE MINISTER
(Signed and sealed)

Luong Le Phuong

APPENDIX 1

LIST OF FOOD SAFETY CRITERIA AND MAXIMUM LEVELS THEREOF IN CERTAIN FOODSTUFFS OF TERRESTRIAL ANIMAL ORIGIN

I. LIVESTOCK MEAT

1. Microbiological criteria

1.1. Products at the end of the manufacturing process (for products produced in Vietnam) or at border inspection posts (for imported products)

Foodstuff of terrestrial animal origin		Criteria	Maximum level (*)			
Food category	HS Code		n	c	m	M
Minced meat and mechanically separated meat	0201, 0202,	<i>Total of aerobic colony count</i>	5	2	5x10 ⁵ cfu/g	5x10 ⁶ cfu/g
	0203, 0204,	<i>Escherichia coli</i>	5	2	5x10 ¹ cfu/g	5x10 ² cfu/g
Meat preparations	0207, 0208	<i>Escherichia coli</i>	5	2	5x10 ² cfu/g hoặc cm ²	5x10 ³ cfu/g hoặc cm ²

1.2. Products placed on the markets (during their shelf-life):

Foodstuff of terrestrial animal origin		Criteria	Maximum level (*)			
Food category	HS Code		n	c	m	M
Minced meat or meat preparations intended to be eaten raw	0201,0202, 0203,0204, 0207,0208	<i>Salmonella</i>	5	0	Absence in 25 g	
Minced meat or meat preparations made from poultry meat intended to be eaten cooked		<i>Salmonella</i>	5	0	Absence in 25 g	
Minced meat or meat preparations made from other species than poultry intended to be eaten cooked		<i>Salmonella</i>	5	0	Absence in 10 g	
Mechanically separated meat		<i>Salmonella</i>	5	0	Absence in 10 g	
Meat products made from poultry meat intended to be eaten cooked		<i>Salmonella</i>	5	0	Absence in 25 g	
Gelatin and collagen		<i>Salmonella</i>	5	0	Absence in 25 g	

- * - n: number of units comprising the sample,
 - c: number of sample units giving values between m and M, total number of the samples giving the value between m and M which exceeds c is considered unsatisfactory,
 - m: limit below which all results are considered satisfactory,
 - M: acceptability limit beyond which the results are considered unsatisfactory,
 - cfu/g: colony-forming unit per gram

2. Chemical criteria

2.1. Heavy metals

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Species	HS Code		
Cattle	0201, 0202	Lead (Pb)	0,1 mg/kg
Pig	0203		
Sheep	0204		
Poultry	0207		
Cattle	0201, 0202	Cadimi (Cd)	0,05 mg/kg
Pig	0203		
Sheep	0204		
Poultry	0207		
Horse	02050000		0,2 mg/kg

2.2. Veterinary drug residues

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Species	HS Code		
Pig	0203	<i>Azaperone</i>	60 µg/kg
Cattle	0201, 0202	<i>Benzylpenicillin/Procaine benzylpenicillin</i>	50 µg/kg
Pig	0203		
Chicken	0207		
Pig	0203	<i>Carazolol</i>	5 µg/kg
Cattle	0201, 0202	<i>Ceftiofur</i>	1000 µg/kg
Pig	0203		
Cattle	0201, 0202	<i>Chlortetracycline/Oxytetracycline/Tetracycline</i>	200 µg/kg
Sheep	0204		
Pig	0203		
Poultry	0207		
Cattle	0201, 0202	<i>Closantel</i>	1000 µg/kg
Sheep	0204		1500 µg/kg
Cattle	0201, 0202	<i>Cyfluthrin</i>	20 µg/kg
Cattle	0201, 0202	<i>Cyhalothrin</i>	20 µg/kg
Pig	0203		
Sheep	0204		
Cattle	0201, 0202	<i>Cypermethrin và alpha-cypermethrin</i>	50 µg/kg
Sheep	0204		
Cattle	0201, 0202	<i>Danofloxacin</i>	200 µg/kg
Chicken	0207		100 µg/kg
Pig	0203		
Cattle	0201, 0202	<i>Deltamethrin</i>	30 µg/kg
Sheep	0204		
Chicken	0207		
Sheep	0204	<i>Diclazuril</i>	500 µg/kg
Rabbit	02081000		
Poultry	0207		

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Species	HS Code		
Sheep	0204	<i>Dicyclanil</i>	150 µg/kg
Cattle	0201, 0202	<i>Dihydrostreptomycin/Streptomycin</i>	600 µg/kg
Pig	0203		
Sheep	0204		
Chicken	020		
Cattle	0201, 0202		
Cattle	0201, 0202	<i>Diminazene</i>	500 µg/kg
Pig	0203	<i>Doramectin</i>	10 µg/kg
Pig	0203		5 µg/kg
Cattle	0201, 0202	<i>Eprinomectin</i>	100 µg/kg
Cattle	0201, 0202	<i>Febantel/Fenbendazole/Oxfendazole</i>	100 µg/kg
Pig	0203		
Sheep, goat	0204		
Cattle	0201, 0202	<i>Fluazuron</i>	200 µg/kg
Pig	0203	<i>Flubendazole</i>	10µg/kg
Poultry	0207		200 µg/kg
Cattle	0201, 0202	<i>Flumequine</i>	500 µg/kg
Sheep	0204		
Pig	0203		
Chicken	0207		
Cattle	0201, 0202	<i>Gentamicin</i>	100 µg/kg
Pig	0203		
Cattle	0201, 0202	<i>Imidocarb</i>	300 µg/kg
Cattle	0201, 0202	<i>Isometamidium</i>	100 µg/kg
Cattle	0201, 0202	<i>Levamisole</i>	10 µg/kg
Sheep	0204		
Pig	0203		
Poultry	0207		
Pig	0203	<i>Lincomycin</i>	200 µg/kg
Chicken	0207		
Cattle	0201, 0202	<i>Moxidectin</i>	20 µg/kg
Sheep	0204		50 µg/kg
Cattle	0201, 0202	<i>Neomycin</i>	500 µg/kg
Pig	0203		
Sheep, goat	0204		
Chicken, turkey, duck	0207		
Chicken	0207	<i>Nicarbazin</i>	200 µg/kg
Chicken	0207	<i>Phoxim</i>	50µg/kg
Sheep, goat	0204		
Cattle	0201, 0202	<i>Pirlimycin</i>	100 µg/kg
Chicken, turkey	0207	<i>Sarafloxacin</i>	10 µg/kg
Cattle	0201, 0202	<i>Spectinomycin</i>	500 µg/kg
Chicken	0207		
Sheep	0204		
Pig	0203		

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Species	HS Code		
Cattle	0201, 0202	<i>Spiramycin</i>	200 µg/kg
Pig	0203		
Chicken	0207		
Cattle	0201, 0202	<i>Thiabendazole</i>	100 µg/kg
Pig	0203		
Sheep, goat	0204		
Cattle	0201, 0202	<i>Tilmicosin</i>	100 µg/kg
Pig	0203		
Sheep	0204		
Cattle	0201, 0202	<i>Trenbolone acetate</i>	2 µg/kg
Cattle	0201, 0202	<i>Triclabendazole</i>	250 µg/kg
Sheep	0204		200 µg/kg
Cattle	0201, 0202	<i>Zerazole</i>	2 µg/kg

2.3. Pesticide residues

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Species	HS Code		
Poultry	0207	<i>2,4-D</i>	0,05 mg/kg
Cattle	0201, 0202	<i>Abamectin</i>	0,01 mg/kg
Goat	0204		
Poultry	0207	<i>Acephate</i>	0,01 mg/kg
Poultry	0207	<i>Aminopyralid</i>	0,01 mg/kg
Sheep	0204	<i>Amitraz</i>	0,1 mg/kg
Cattle	0201, 0202		0,05 mg/kg
Pig	0203		
Poultry	0207	<i>Bitertanol</i>	0,01 mg/kg
Cattle	0201, 0202	<i>Carbedazim</i>	0,05 mg/kg
Poultry	0207		
Cattle	0201, 0202	<i>Carbofuran</i>	0,05 mg/kg
Pig	0203		
Goat, sheep	0204		
Poultry	0207	<i>Carbosulfan</i>	0,05 mg/kg
Goat, sheep	0204		0,2 mg/kg
Poultry	0207	<i>Chlomequat</i>	0,04 mg/kg
Pig	0203		0,2 mg/kg
Cattle	0201, 0202	<i>Chlorpropham</i>	0,1 mg/kg
Cattle	0201, 0202	<i>Chlorpyrifos – Methyl</i>	0,05 mg/kg
Chicken	0207		
Poultry	0207	<i>Clethodim</i>	0,2 mg/kg
Poultry	0207	<i>Clofentezine</i>	0,05 mg/kg

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Species	HS Code		
Poultry	0207	<i>Cypermethrin</i>	0,05 mg/kg
Poultry	0207	<i>Cyromazine</i>	0,1 mg/kg
Poultry	0207	<i>DDT</i>	0,3 mg/kg
Poultry	0207	<i>Dichlorvos</i>	0,05 mg/kg
Poultry	0207	<i>Dimethenamid-p</i>	0,01 mg/kg
Poultry	0207	<i>Dimethipin</i>	0,01 mg/kg
Poultry	0207	<i>Dimethoate</i>	0,05 mg/kg
Cattle	0201, 0202		
Pig	0203		
Goat, sheep	0204		
Poultry	0207	<i>Dimethomorph</i>	0,01 mg/kg
Poultry	0207	<i>Diquat</i>	0,05 mg/kg
Poultry	0207	<i>Disulfoton</i>	0,02 mg/kg
Poultry	0207	<i>Dithiocarbamates</i>	0,1 mg/kg
Poultry	0207	<i>Endosulfan</i>	0,03 mg/kg
Cattle	0201, 0202	<i>Ethephon</i>	0,1 mg/kg
Goat, sheep	0204		
Pig	0203		
Poultry	0207		
Poultry	0207	<i>Famoxadone</i>	0,01 mg/kg
Cattle	0201, 0202	<i>Fenarimol</i>	0,02 mg/kg
Poultry	0207	<i>Fenamiphos</i>	0,01 mg/kg
Cattle	0201, 0202	<i>Fenbuconazole</i>	0,05 mg/kg
Poultry	0207		
Chicken	0207	<i>Fenbutanin Oxide</i>	0,05 mg/kg
Poultry	0207	<i>Fenpropimorph</i>	0,01 mg/kg
Poultry	0207	<i>Fludioxonil</i>	0,01 mg/kg
Poultry	0207	<i>Flusilazole</i>	0,2 mg/kg
Poultry	0207	<i>Flutolanil</i>	0,05 mg/kg
Poultry	0207	<i>Glufosinate-Ammonium</i>	0,05 mg/kg
Poultry	0207	<i>Glyphosate</i>	0,05 mg/kg
Poultry	0207	<i>Imidacloprid</i>	0,02 mg/kg
Poultry	0207	<i>Kresoxim-methyl</i>	0,05 mg/kg
Poultry	0207	<i>Methamidophos</i>	0,01 mg/kg
Cattle	0201, 0202	<i>Methidathion</i>	0,02 mg/kg
Pig	0203		
Sheep	0204		
Poultry	0207		
Poultry	0207	<i>Methomyl</i>	0,02 mg/kg

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Species	HS Code		
Poultry	0207	<i>Methoprene</i>	0,02 mg/kg
Poultry	0207	<i>Methoxyfenozide</i>	0,01 mg/kg
Cattle	0201, 0202	<i>Myclobutanil</i>	0,01 mg/kg
Poultry	0207		
Poultry	0207	<i>Oxamyl</i>	0,02 mg/kg
Cattle	0201, 0202	<i>Oxydemeton-methyl</i>	0,05 mg/kg
Pig	0203		
Sheep	0204		
Poultry	0207		
Poultry	0207	<i>Paraquat</i>	0,005 mg/kg
Cattle	0201, 0202	<i>Penconazole</i>	0,05 mg/kg
Chicken	0207		
Poultry	0207	<i>Permethrin</i>	0,1 mg/kg
Poultry	0207	<i>Phorate</i>	0,05 mg/kg
Poultry	0207	<i>Pirimicarb</i>	0,01 mg/kg
Poultry	0207	<i>Pirimiphos-methyl</i>	0,01 mg/kg
Poultry	0207	<i>Prochloraz</i>	0,05 mg/kg
Poultry	0207	<i>Propamocarb</i>	0,01 mg/kg
Poultry	0207	<i>Pyraclostrobin</i>	0,05 mg/kg
Cattle	0201, 0202	<i>Tebuconazole</i>	0,05 mg/kg
Chicken	0207		
Poultry	0207	<i>Tebufenozide</i>	0,02 mg/kg
Poultry	0207	<i>Terbufos</i>	0,05 mg/kg
Cattle	0201, 0202	<i>Thiabendazole</i>	0,1 mg/kg
Poultry	0207		0,05 mg/kg
Poultry	0207	<i>Thiacloprid</i>	0,02 mg/kg
Poultry	0207	<i>Triadimefon</i>	0,01 mg/kg
Poultry	0207	<i>Triadimenol</i>	0,01 mg/kg
Chicken	0207	<i>Vinclozolin</i>	0,05 mg/kg
Cattle	0201, 0202		

II. EDIBLE OFFAL OF CATTLE AND POULTRY

1. Microbiological criteria

1.1. Products at the end of manufacturing process (for products produced in Vietnam) or at border inspection posts (for imported products)

Foodstuff of terrestrial animal origin		Criteria	Maximum level (†)			
Food category	HS Code		n	c	m	M
Edible offal of cattle and poultry	0206, 0207, 02090000	Total of aerobic colony count	5	2	5x10 ⁵ cfu/g	5x10 ⁶ cfu/g
		<i>Escherichia coli</i>	5	2	5x10 ¹ cfu/g	5x10 ² cfu/g

1.2. Products placed on the market (during their shelf-life):

Foodstuff of terrestrial animal origin		Criteria	Maximum level (†)			
Food category	HS Code		n	c	m	M
Edible offal of cattle and poultry	0206, 0207, 02090000	<i>Salmonella</i>	5	0	Absence in 10 g	

2. Chemical criteria

2.1. Heavy metal

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Food category	HS Code		
Poultry fat	02090000	Lead (Pb)	0,1 mg/kg
Edible offal of cattle and pig	0206		0,5 mg/kg
Edible offal of poultry	0207		
Livers of cattle, sheep, pig, horse	0206	Cadmium (Cd)	0,5 mg/kg
Poultry livers	0207		
Kidney of cattle, sheep, pig, horse	0206		
Poultry kidney	0207		1,0 mg/kg

2.2. Veterinary drug residues

Foodstuff of terrestrial animal origin		Criteria	Maximum residue limit
Food category	HS Code		
Cattle	Liver	<i>Abamectin</i>	100 µg/kg
	Kidney		50 µg/kg
	Fat		100 µg/kg
Pig	Liver	<i>Azaperone</i>	100µg/g
	Kidney		100µg/kg
	Fat		60 µg/kg
Cattle, pig	Liver	<i>Benzylpenicillin/ Procaine benzylpenicillin</i>	50 µg/kg
	Kidney		50 µg/kg
Chicken	Liver	0207	50 µg/kg
	Kidney		50 µg/kg

†

- n: number of units comprising the sample,
- c: number of sample units giving values between m and M, total number of the samples giving the value between m and M which exceeds c is considered unsatisfactory,
- m: limit below which all results are considered satisfactory,
- M: acceptability limit beyond which the results are considered unsatisfactory,
- cfu/g: colony-forming unit per gram

Foodstuff of terrestrial animal origin			Criteria	Maximum residue limit
Food category		HS Code		
Pig	Liver	0206	<i>Carcazolon</i>	25 µg/kg
	Kidney			25 µg/kg
	Fat	02090000		5 µg/kg
Cattle	Liver	0206	<i>Ceftiofur</i>	2000 µg/kg
	Kidney			6000 µg/kg
	Fat			2000 µg/kg
Pig	Liver	0206	<i>Ceftiofur</i>	2000 µg/kg
	Kidney			6000 µg/kg
	Fat	02090000		2000 µg/kg
Cattle, pig, sheep	Liver	0206	<i>Chlortetracycline/ Oxytetracycline/ Tetracycline</i>	600 µg/kg
	Kidney			1200 µg/kg
Poultry	Liver	0207	<i>Chlortetracycline/ Oxytetracycline/ Tetracycline</i>	600 µg/kg
	Kidney			1200 µg/kg
Cattle	Liver	0206	<i>Closantel</i>	1000 µg/kg
	Kidney			3000 µg/kg
	Fat			3000 µg/kg
Sheep	Liver	0206	<i>Closantel</i>	1500 µg/kg
	Kidney			5000 µg/kg
	Fat			2000 µg/kg
Cattle	Liver	0206	<i>Cyfluthrin</i>	20 µg/kg
	Kidney			20 µg/kg
	Fat			200 µg/kg
Cattle	Liver	0206	<i>Cyhalothrin</i>	20 µg/kg
	Kidney			20 µg/kg
	Fat			400 µg/kg
Pig	Liver	0206	<i>Cyhalothrin</i>	20 µg/kg
	Kidney			20 µg/kg
	Fat	02090000		400 µg/kg
Sheep	Liver	0206	<i>Cyhalothrin</i>	50 µg/kg
	Kidney			20 µg/kg
	Fat			400 µg/kg
Cattle, sheep	Liver	0206	<i>Cypermethrin and alpha- Cypermethrin</i>	50 µg/kg
	Kidney			50 µg/kg
	Fat			1000 µg/kg
Cattle	Liver	0206	<i>Danofloxacin</i>	400 µg/kg
	Kidney			400 µg/kg
	Fat			100 µg/kg
Chicken	Liver	0207	<i>Danofloxacin</i>	400 µg/kg
	Kidney			400 µg/kg
	Fat	02090000		100 µg/kg
Pig	Liver	0206	<i>Danofloxacin</i>	50 µg/kg
	Kidney			200 µg/kg

Foodstuff of terrestrial animal origin			Criteria	Maximum residue limit	
Food category		HS Code			
	Fat	02090000		100 µg/kg	
Cattle, sheep	Liver	0206	<i>Deltamethrin</i>	50 µg/kg	
	Kidney			50 µg/kg	
	Fat			500 µg/kg	
Chicken	Liver	0207		50 µg/kg	
	Kidney			50 µg/kg	
	Fat	02090000		500 µg/kg	
Sheep	Liver	0206		<i>Diclazuril</i>	3000 µg/kg
	Kidney				2000 µg/kg
	Fat				1000 µg/kg
Poultry	Liver	0207	3000 µg/kg		
	Kidney		2000 µg/kg		
	Fat	02090000	1000 µg/kg		
Sheep	Liver	0206	<i>Dicyclanil</i>		125 µg/kg
	Kidney				125 µg/kg
	Fat				200 µg/kg
Cattle, sheep	Liver	0206		<i>Dihydrostreptomycin</i> <i>/Streptomycin</i>	600 µg/kg
	Kidney				1000 µg/kg
	Fat				600 µg/kg
Chicken	Liver	0207			600 µg/kg
	Kidney				1000 µg/kg
	Fat	02090000			600 µg/kg
Pig	Liver	0206	600 µg/kg		
	Kidney		1000 µg/kg		
	Fat	02090000	600 µg/kg		
Cattle	Liver	0206	<i>Diminazene</i>	12000 µg/kg	
	Kidney			6000 µg/kg	
Cattle	Liver	0206	<i>Doramectin</i>	100 µg/kg	
	Kidney			30 µg/kg	
	Fat			150 µg/kg	
Pig	Liver	0206		100 µg/kg	
	Kidney			30 µg/kg	
	Fat	02090000		150 µg/kg	
Cattle	Liver	0206		<i>Eprinomectin</i>	2000 µg/kg
	Kidney				300 µg/kg
	Fat				250 µg/kg
Cattle, sheep, goat, horse	Liver	0206	<i>Febantel/</i> <i>Fenbendazole/</i> <i>Oxfendazole</i>	500 µg/kg	
	Kidney			100 µg/kg	
	Fat			100 µg/kg	
Pig	Liver	0206		500 µg/kg	
	Kidney			100 µg/kg	
	Fat	02090000		100 µg/kg	

Foodstuff of terrestrial animal origin			Criteria	Maximum residue limit	
Food category	HS Code				
Cattle	Liver	0206	<i>Fluazuron</i>	500 µg/kg	
	Kidney			500 µg/kg	
	Fat			7000µg/kg	
Pig	Liver	0206	<i>Flubendazole</i>	10 µg/kg	
Poultry	Liver	0207		500 µg/kg	
Cattle, sheep	Liver	0206	<i>Flumequine</i>	500 µg/kg	
	Kidney			3000 µg/kg	
	Fat			1000 µg/kg	
Pig	Liver	0206		500 µg/kg	
	Kidney	0206		3000 µg/kg	
	Fat	02090000		1000 µg/kg	
Chicken	Liver	0207		500 µg/kg	
	Kidney			3000 µg/kg	
	Fat	02090000		1000 µg/kg	
Cattle	Liver	0206	<i>Gentamicin</i>	2000 µg/kg	
	Kidney			5000 µg/kg	
	Fat			100 µg/kg	
Pig	Liver	0206		2000 µg/kg	
	Kidney			5000 µg/kg	
	Fat	02090000		100 µg/kg	
Cattle	Liver	0206		<i>Imidocarb</i>	1500 µg/kg
	Kidney				2000 µg/kg
	Fat				50 µg/kg
Cattle	Liver	0206	<i>Isometamidium</i>	500 µg/kg	
	Kidney			1000 µg/kg	
	Fat			100 µg/kg	
Cattle	Fat	0206	<i>Ivermectin</i>	40 µg/kg	
	Liver			100 µg/kg	
Pig	Fat	02090000		20 µg/kg	
	Liver	0206		15 µg/kg	
Sheep	Fat	0206		20 µg/kg	
	Liver			15 µg/kg	
Cattle, sheep	Liver	0206		<i>Levamisole</i>	100 µg/kg
	Kidney				10 µg/kg
	Fat				10 µg/kg
Pig	Liver	0206	100 µg/kg		
	Kidney	0206	10 µg/kg		
	Fat	02090000	10 µg/kg		
Poultry	Liver	0207	100 µg/kg		
	Kidney		10 µg/kg		
	Fat	02090000	10 µg/kg		
Pig	Liver	0206	<i>Lincomycin</i>	500 µg/kg	

Foodstuff of terrestrial animal origin			Criteria	Maximum residue limit		
Food category	HS Code					
	Kidney		<i>Moxidectin</i>	1500 µg/kg		
	Fat	02090000		100 µg/kg		
Chicken	Liver	0207		500 µg/kg		
	Fat	02090000		100 µg/kg		
Cattle, sheep	Liver	0206		100 µg/kg		
	Kidney			50 µg/kg		
	Fat			500 µg/kg		
Cattle, sheep, goat	Liver	0206		500 µg/kg		
	Kidney			10000 µg/kg		
	Fat			500 µg/kg		
Pig	Liver	0206		500 µg/kg		
	Kidney			10000 µg/kg		
	Fat			500 µg/kg		
Chicken	Liver	0207		<i>Neomycin</i>	500 µg/kg	
	Fat	02090000	500 µg/kg			
Chicken	Liver	0207	<i>Nicarbazin</i>		200 µg/kg	
	Fat	02090000			200 µg/kg	
Goat, sheep	Liver	0206	<i>Phoxim</i>		50 µg/kg	
	Kidney				50 µg/kg	
	Fat				400 µg/kg	
Pig	Liver	0206			50 µg/kg	
	Kidney				50 µg/kg	
	Fat				400 µg/kg	
Cattle	Liver	0206			<i>Pirlimycin</i>	1000 µg/kg
	Kidney					400 µg/kg
	Fat					100 µg/kg
Chicken	Liver	0207			<i>Sarafloxacin</i>	80 µg/kg
	Fat	02090000		20 µg/kg		
Cattle, sheep	Liver	0206		<i>Spectinomycin</i>	2000 µg/kg	
	Kidney				5000 µg/kg	
	Fat				2000 µg/kg	
Pig	Liver	0206	2000 µg/kg			
	Kidney		5000 µg/kg			
	Fat		2000 µg/kg			
Chicken	Liver	0207	2000 µg/kg			
	Fat	02090000	2000 µg/kg			
Cattle	Liver	0206	<i>Spiramycin</i>		600 µg/kg	
	Kidney				300 µg/kg	
	Fat				300 µg/kg	
Pig	Liver	0206			600 µg/kg	
	Kidney				300 µg/kg	
	Fat				300 µg/kg	

Foodstuff of terrestrial animal origin			Criteria	Maximum residue limit
Food category		HS Code		
Chicken	Liver	0207	<i>Thiabendazole</i>	600 µg/kg
	Fat	02090000		300 µg/kg
Cattle, goat, sheep	Liver	0206		100 µg/kg
	Kidney			100 µg/kg
	Fat			100 µg/kg
Pig	Liver	0206		100 µg/kg
	Kidney			100 µg/kg
	Fat	02090000		100 µg/kg
Cattle	Liver	0206		1000 µg/kg
	Kidney			300 µg/kg
	Fat			100 µg/kg
Pig	Liver	0206		1500 µg/kg
	Kidney			1000 µg/kg
	Fat	02090000		100 µg/kg
Sheep	Liver	0206	1000 µg/kg	
	Kidney		300 µg/kg	
	Fat		100 µg/kg	
Cattle	Liver	0206	<i>Trenbolone acetate</i>	10 µg/kg
Cattle	Liver	0206	<i>Triclabendazole</i>	850µg/kg
	Kidney			400 µg/kg
	Fat			100 µg/kg
Sheep	Liver	0206		300 µg/kg
	Kidney			200 µg/kg
	Fat			100 µg/kg

2.3. Pesticide residues

Foodstuff of terrestrial animal origin			Criteria	Maximum residue limit
Food category		HS Code		
Poultry	Fat	02090000	<i>Acephate</i>	0,1 mg/kg
Cattle, goat, sheep, pig	Kidney	0206	<i>Aminopyralid</i>	1 mg/kg
Cattle	Liver	0206	<i>Bifenthrin</i>	0,05 mg/kg
	Kidney			0,05 mg/kg
	Fat			0,5 mg/kg
Chicken	Fat	02090000		0,05 mg/kg
Cattle, goat, sheep, pig	Kidney	0206	<i>Carbaryl</i>	3 mg/kg
Chicken	Fat	02090000	<i>Carbedazim</i>	0,05 mg/kg
Cattle, sheep, horse, goat	Fat	0206	<i>Carbofuran</i>	0,05 mg/kg
Cattle, goat, sheep, pig, horse	Edible offal	0206		
Pig	Fat	02090000		
Cattle, sheep, pig, horse, goat	Kidney	0206	<i>Chlormequat</i>	0,5 mg/kg
Cattle	Liver	0206	<i>Chlorpyrifos</i>	0,01 mg/kg
	Kidney			
Pig	Edible offal			

Foodstuff of terrestrial animal origin			Criteria	Maximum residue limit
Food category		HS Code		
Cattle	Fat	0206	<i>Chlorpyrifos-Methyl</i>	0,05 mg/kg
Chicken	Edible offal	0207		
	Fat	02090000		
Cattle, sheep, pig, goat	Kidney	0206	<i>Cyfluthrin</i>	0,05 mg/kg
Cattle, sheep, pig, goat	Kidney	0206	<i>Deltamethrin</i>	0,03 mg/kg
Cattle, sheep, pig, horse, goat	Kidney	0206	<i>Diazinon</i>	0,03 mg/kg
Chicken	Edible offal	0207		0,02 mg/kg
Poultry	Fat	02090000	<i>Dimethoate</i>	0,05 mg/kg
Cattle	Liver	0206	<i>Diphenylamine</i>	0,05 mg/kg
	Kidney			0,01 mg/kg
Cattle, sheep, pig, horse, goat	Kidney	0206	<i>Endosulfan</i>	0,03 mg/kg
Cattle, sheep, pig, horse, goat	Edible offal	0207	<i>Ethephon</i>	0,2 mg/kg
Cattle	Liver	0206	<i>Fenarimol</i>	0,05 mg/kg
	Kidney			0,02 mg/kg
Cattle	Liver	0206	<i>Fenbuconazole</i>	0,05 mg/kg
	Kidney			0,05 mg/kg
	Fat			0,05 mg/kg
Poultry	Fat	02090000		0,05 mg/kg
Cattle	Liver	0206	<i>Fenpyroximate</i>	0,01 mg/kg
	Kidney			0,01 mg/kg
Chicken	Edible offal	0207	<i>Fenbutatin Oxide</i>	0,05 mg/kg
Poultry	Fat	02090000	<i>Fenpropimorph</i>	0,01 mg/kg
Cattle, goat, sheep, pig		0206		0,05 mg/kg
Cattle	Liver	0206	<i>Fipronil</i>	0,1 mg/kg
	Kidney			0,02 mg/kg
Cattle, goat, sheep, pig	Kidney	0206	<i>Flutonanil</i>	0,1 mg/kg
Pig	Edible offal	0206	<i>Glyphosate</i>	0,5 mg/kg
Cattle, poultry, goat, sheep	Fat	0206	<i>Methidathion</i>	0,02 mg/kg
	Edible offal			
Pig	Fat	02090000		
Cattle, poultry, goat, sheep, pig, horse	Edible offal	0206	<i>Oxamyl</i>	0,02 mg/kg
Cattle, sheep	Fat	0206	<i>Oxydemeton-Methyl</i>	0,05 mg/kg
Pig	Fat	02090000		0,05 mg/kg
Poultry	Fat	02090000		0,05 mg/kg
Cattle	Liver	0206	<i>Piperonyl Butoxide</i>	1,0 mg/kg
	Kidney			0,3 mg/kg
Cattle	Liver	0206	<i>Spinosad</i>	2,0 mg/kg
	Kidney			1,0 mg/kg
Chicken	Edible offal	0207	<i>Tebuconazole</i>	0,05 mg/kg
Cattle	Liver	0206	<i>Thiabendazole</i>	0,3 mg/kg
	Kidney			1 mg/kg
Cattle, goat, sheep, pig	Kidney	0206	<i>Trifloxystrobin</i>	0,04 mg/kg

III. EGG PRODUCTS

1. Microbiological criteria

1.1. Products at the end of manufacturing process (for products produced in Vietnam) or at border inspection posts (for imported products)

Products of terrestrial animal origin		Criteria	Maximum level ([‡])			
Food category	HS Code		n	c	m	M
Egg products	0408	<i>Enterobacteria</i>	5	2	10 ¹ cfu/g hoặc ml	10 ² cfu/g hoặc ml

1.2. Products placed on the market (during their shelf-life):

Products of terrestrial animal origin		Criteria	Maximum level ([‡])			
Food category	HS Code		n	c	m	M
Egg products	0408	<i>Salmonella</i>	5	0	Absence in 25g	

2. Chemical criteria

2.1. Veterinary drug residues

HS Code	Criteria	Maximum residue limit
0407, 0408	<i>Chlortetracycline/Oxytetracycline/Tetracycline</i>	400 µg/kg
0407, 0408	<i>Deltamethrin</i>	30 µg/kg
0407, 0408	<i>Flubendazole</i>	400 µg/kg
0407, 0408	<i>Neomycin</i>	500 µg/kg
0407, 0408	<i>Spectinomycin</i>	2000 µg/kg

2.2. Pesticide residues

HS Code	Criteria	Maximum residue limit
0407, 0408	<i>2,4 – D</i>	0,01 mg/kg
0407, 0408	<i>Acephate</i>	0,01 mg/kg
0407, 0408	<i>Aldrin and dieldrin</i>	0,1 mg/kg
0407, 0408	<i>Aminopyralid</i>	0,01 mg/kg
0407, 0408	<i>Bentazone</i>	0,05 mg/kg
0407, 0408	<i>Bifenazate</i>	0,01 mg/kg
0407, 0408	<i>Bifethrine</i>	0,01 mg/kg
0407, 0408	<i>Carbendazim</i>	0,05 mg/kg
0407, 0408	<i>Carbosulfan</i>	0,05 mg/kg
0407, 0408	<i>Chlordane</i>	0,02 mg/kg
0407, 0408	<i>Chlormequat</i>	0,1 mg/kg
0407, 0408	<i>Chlorpyrifos</i>	0,01 mg/kg
0407, 0408	<i>Chlorpyrifos – methyl</i>	0,05 mg/kg

[‡]

- n: number of units comprising the sample,
- c: number of sample units giving values between m and M, total number of the samples giving the value between m and M which exceeds c is considered unsatisfactory,
- m: limit below which all results are considered satisfactory,
- M: acceptability limit beyond which the results are considered unsatisfactory,
- cfu/g: colony-forming unit per gram

HS Code	Criteria	Maximum residue limit
0407, 0408	<i>Clethodim</i>	0,05 mg/kg
0407, 0408	<i>Clofentezine</i>	0,05 mg/kg
0407, 0408	<i>Cyfluthrin</i>	0,01 mg/kg
0407, 0408	<i>Cypermethrin</i>	0,05 mg/kg
0407, 0408	<i>Cypodiril</i>	0,01 mg/kg
0407, 0408	<i>Cyromazine</i>	0,3 mg/kg
0407, 0408	<i>DDT</i>	0,1 mg/kg
0407, 0408	<i>Deltamethrin</i>	0,02 mg/kg
0407, 0408	<i>Diazinon</i>	0,02 mg/kg
0407, 0408	<i>Dicofol</i>	0,05 mg/kg
0407, 0408	<i>Difenoconazole</i>	0,01 mg/kg
0407, 0408	<i>Diflubenzuron</i>	0,05 mg/kg
0407, 0408	<i>Dimethenamid-P</i>	0,01 mg/kg
0407, 0408	<i>Dimethipin</i>	0,01 mg/kg
0407, 0408	<i>Dimethoate</i>	0,05 mg/kg
0407, 0408	<i>Dimethomorph</i>	0,01 mg/kg
0407, 0408	<i>Diquat</i>	0,05 mg/kg
0407, 0408	<i>Dithiocarbamates</i>	0,05 mg/kg
0407, 0408	<i>Disulfoton</i>	0,02 mg/kg
0407, 0408	<i>Endosulfan</i>	0,03 mg/kg
0407, 0408	<i>Ethephon</i>	0,2 mg/kg
0407, 0408	<i>Esfenvalerate</i>	0,01 mg/kg
0407, 0408	<i>Famoxadone</i>	0,01 mg/kg
0407, 0408	<i>Fenamiphos</i>	0,01 mg/kg
0407, 0408	<i>Fenbuconazole</i>	0,05 mg/kg
0407, 0408	<i>Febutatin Oxide</i>	0,05 mg/kg
0407, 0408	<i>Fenpropathrin</i>	0,01 mg/kg
0407, 0408	<i>Fenpropimorph</i>	0,01 mg/kg
0407, 0408	<i>Fipronil</i>	0,02 mg/kg
0407, 0408	<i>Fludionxonil</i>	0,05 mg/kg
0407, 0408	<i>Flutolanil</i>	0,05 mg/kg
0407, 0408	<i>Flusilazole</i>	0,1 mg/kg
0407, 0408	<i>Glufosinate-Ammonium</i>	0,05 mg/kg
0407, 0408	<i>Glyphosate</i>	0,05 mg/kg
0407, 0408	<i>Heptachlor</i>	0,05 mg/kg
0407, 0408	<i>Imidacloprid</i>	0,02 mg/kg
0407, 0408	<i>Indoxacarb</i>	0,01 mg/kg
0407, 0408	<i>Lindane</i>	0,01 mg/kg
0407, 0408	<i>Methamidophos</i>	0,01 mg/kg
0407, 0408	<i>Methomyl</i>	0,02 mg/kg
0407, 0408	<i>Methidathion</i>	0,02 mg/kg
0407, 0408	<i>Methoprene</i>	0,02 mg/kg
0407, 0408	<i>Methoxyfenozide</i>	0,01 mg/kg
0407, 0408	<i>Myclobutanyl</i>	0,01 mg/kg
0407, 0408	<i>Novaluron</i>	0,01 mg/kg

HS Code	Criteria	Maximum residue limit
0407, 0408	<i>Oxamyl</i>	0,02 mg/kg
0407, 0408	<i>Oxydemeton-Methyl</i>	0,05 mg/kg
0407, 0408	<i>Paraquat</i>	0,005 mg/kg
0407, 0408	<i>Penconazole</i>	0,2 mg/kg
0407, 0408	<i>Permethrin</i>	0,1 mg/kg
0407, 0408	<i>Phorate</i>	0,05 mg/kg
0407, 0408	<i>Piperonyl Butoxide</i>	1,0 mg/kg
0407, 0408	<i>Pirimicarb</i>	0,01 mg/kg
0407, 0408	<i>Pirimiphos – methyl</i>	0,01 mg/kg
0407, 0408	<i>Prochloraz</i>	0,1 mg/kg
0407, 0408	<i>Profenofos</i>	0,02 mg/kg
0407, 0408	<i>Propamocarb</i>	0,01 mg/kg
0407, 0408	<i>Propargite</i>	0,1 mg/kg
0407, 0408	<i>Propiconazole</i>	0,01 mg/kg
0407, 0408	<i>Pyraclostrobin</i>	0,05 mg/kg
0407, 0408	<i>Quinoxifen</i>	0,01 mg/kg
0407, 0408	<i>Quintozene</i>	0,03 mg/kg
0407, 0408	<i>Spinosad</i>	0,01 mg/kg
0407, 0408	<i>Tebuconazole</i>	0,05 mg/kg
0407, 0408	<i>Tebufenozide</i>	0,02 mg/kg
0407, 0408	<i>Terbufos</i>	0,01 mg/kg
0407, 0408	<i>Thiabendazole</i>	0,1 mg/kg
0407, 0408	<i>Thiacloprid</i>	0,02 mg/kg
0407, 0408	<i>Triadimefon</i>	0,01 mg/kg
0407, 0408	<i>Triadimenol</i>	0,01 mg/kg
0407, 0408	<i>Trifloxystrobin</i>	0,04 mg/kg
0407, 0408	<i>Vinclozolin</i>	0,05 mg/kg

APPENDIX 2

LIST OF FOOD SAFETY CRITERIA AND MAXIMUM LEVELS THEREOF IN CERTAIN FOODSTUFFS OF AQUATIC ANIMAL ORIGIN

1. Microbiological criteria

1.1. Products at the end of manufacturing process (for products produced in Vietnam) or at border inspection posts (for imported products)

Foodstuff of aquatic animal origin		Criteria	Maximum level (§)			
Food category	HS Code		n	c	m	M
Shelled and shucked products of cooked crustaceans and molluscan shellfish	0306, 0307, 1604, 1605	<i>E. coli</i>	5	2	1/g	10/g
		<i>Coagulase-positive staphylococci</i>	5	2	100 cfu/g	1000 cfu/g

1.2. Products placed on the market (during their shelf-life):

Foodstuff of aquatic animal origin		Criteria	Maximum level (**)			
Food category	HS Code		n	c	m	M
Cooked crustaceans and molluscan shellfish	0306, 0307, 1604, 1605	<i>Salmonella</i>	5	0	Absence in 25g	
Live bivalve molluscs and live echinoderms, tunicates and gastropods	0307	<i>Salmonella</i>	5	0	Absence in 25g	
		<i>E. coli</i>	1 ^(**)	0	230 MPN/100g	

2. Chemical criteria

2.1. Heavy metals

Foodstuff of aquatic animal origin		Criteria	Maximum residue limit
Food category	HS Code		
Muscle meat of fish	0302, 0303, 0304, 0305	Lead (Pb)	0,3 mg/kg
Crustaceans (excluding brown meat of crab and excluding head and thorax meat of lobster and similar large crustaceans)	0306		0,5 mg/kg
Bivalve molluscs	0307		1,5 mg/kg
Cephalopods (without viscera)	0307		1,0 mg/kg

§ - n: number of units comprising the sample,
 - c: number of sample units giving values between m and M, total number of the samples giving the value between m and M which exceeds c is considered unsatisfactory,
 - m: limit below which all results are considered satisfactory,
 - M: acceptability limit beyond which the results are considered unsatisfactory,
 - MPN: Most Probable Number Method

** 1 pooled sample comprising a minimum of 10 aquatic animals taken and homogenized in 1 sample

Foodstuff of aquatic animal origin		Criteria	Maximum residue limit
Food category	HS Code		
Muscle meat of anchovy, bonito, common two-banded sea bream, eel, grey mullet, horse mackerel or scad, luvar, sardine, sardinops	0302, 0303, 0304, 0305	Cadmium (Cd)	0,1 mg/kg
Muscle meat of swordfish	03026910, 03037910, 0304		0,3 mg/kg
Crustaceans (excluding brown meat of crab and excluding head and thorax meat of lobster and similar large crustaceans)	0306		0,5 mg/kg
Bivalve molluscs	0307		2,0 mg/kg
Cephalopods (without viscera)	0307		2,0 mg/kg
Fishery products and muscle meat of fish, excluding species listed above	0302, 0303, 0304, 0305		0,05 mg/kg
Muscle meat of anglerfish, catfish, bonito, eel, rosy soldierfish, cod, halibut, marlin, megrim, mullet, pike, poor cod, portugese dogfish, rays, redfish, sailfish, scabbard fish, seabream, shark, snake mackerel, sturgeon, swordfish	03026910, 03037910, 0304	Mercury (Hg)	1,0 mg/kg
Fishery products and muscle meat of fish (excluding species listed above), including crustaceans (excluding brown meat of crab and excluding head and thorax meat of lobster and similar large crustaceans)	0302, 0303, 0304, 0305, 0306, 0307		0,5 mg/kg

2.2. Veterinary drug residues

Foodstuff of aquatic animal origin		Criteria	Maximum residue limit
Food category	HS Code		
Meat of aquaculture fish	0302, 0303, 0304, 0305	<i>Tetracycline</i>	100 µg/kg
		<i>Chlortetracycline</i>	100 µg/kg
		<i>Oxytetracycline</i>	100 µg/kg
		<i>Sulfonamides (total)</i>	100 µg/kg
		<i>Danofloxacin</i>	100 µg/kg
		<i>Difloxacin</i>	300 µg/kg
		<i>Enrofloxacin and Ciprofloxacin (total)</i>	100 µg/kg
		<i>Flumequin</i>	600 µg/kg in fish, 200 µg/kg in others

Foodstuff of aquatic animal origin		Criteria	Maximum residue limit
Food category	HS Code		
		<i>Sarafloxacin</i>	30 µg/kg
		<i>Oxolinic acid</i>	100 µg/kg
		<i>Florfenicol</i>	1000 µg/kg
		<i>Trimethoprim</i>	50 µg/kg

2.3. Biotoxins

Foodstuff of aquatic animal origin		Criteria	Maximum level
Food category	HS Code		
Bivalve molluscs	0307	PSP	0,8 mg/kg
Bivalve molluscs		ASP	20 mg/kg
Bivalve molluscs		DSP	Negative, or - Okadaic acid + Dinophysis toxins + Pectenotoxins (total): 160 µg/kg - Yessotoxins: 1mg/kg - Azaspiracids: 160 µg/kg (flesh + intra-valvular liquid)
Fishery products produced from fish species with high histidine content	0302, 0303, 0304, 0305, 16030090, 16042099	Histamine	n=9, c=2 m=100 mg/kg, M=200 mg/kg (*)
Fishery products, produced from fish species with high content and treated with enzyme fermentation in salt solvent			n=9, c=2 m= 200 mg/kg, M= 400 mg/kg (*)