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Organization

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CL 2014/09-RVDF  
March 2014

**TO:** Codex Contact Points  
Interested International Organizations

**FROM:** Secretariat,  
Codex Alimentarius Commission, Joint FAO/WHO Food Standards Programme  
Viale delle Terme di Caracalla  
00153 Rome, Italy

**SUBJECT:** Request for Revision/Information to the Database on Countries' Needs for MRLs

**DEADLINE:** 30 June 2014

**COMMENTS:**

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Food Safety and Inspection Service  
US Department of Agriculture Secretariat  
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**To: Copies to:**

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Viale delle Terme di Caracalla  
00153 Rome, Italy  
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**BACKGROUND:**

1. The 21<sup>st</sup> Session of the Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF) agreed to continue work on the database on countries' needs for MRLs. The Committee agreed to update the database through a circular letter to all member countries. The updated database would then be used by an electronic working group chaired by the United States of America and Costa Rica to identify data availability and data gaps and explore alternative ways to fill data gaps and prioritize veterinary drugs for evaluation by JECFA.
2. In the *Risk Analysis Principles Applied by the Codex Committee on Veterinary Drugs in Foods*, one of the criteria for nominating a veterinary drug for evaluation by JECFA is that "the compound has the potential to cause public health and/or international trade problems (CAC Procedural Manual, page 131, para. 12)." This part of the criteria may be helpful to Member Countries in determining what MRLs are needed in their country.
3. The goal of this database has been to maintain a list of veterinary drugs which are needed by countries in the hope that sufficient data can be identified to allow an evaluation by JECFA. The Database has been revised based on Members contributions and proceedings of the CCRVDF.

**Appendices:**

4. Appendix 1 provides a form which has been in to use for updates and additions to the database. This form reflects the format of the current database. A submission from the Philippines is included as an excellent example of the information that is requested when adding a needed veterinary drug MRL and how a country may respond to that request. The first six columns (in white) are for information requested from Members. The final four columns (shaded in grey) are for optional information which Member Countries may also consider providing.
5. Appendix 2 provides a list of current requests organized by country to aid Member Countries in reviewing their current requests within the existing database.

6. Appendix 3 provides the current database. The database is organized alphabetically by veterinary drug with a different entry for each species for which MRLs are needed. Each country that has requested MRLs for the specific veterinary drug and species is also listed to show the breadth of each need and the variations in conditions of use.

**REQUEST FOR REVISIONS/NEW INFORMATION:**

7. Members are requested, as directed above, to:

- (i) Review the database (in Appendix 3) and confirm whether their existing requests reflect the current needs; and provide any revisions to the list of needed MRLs previously submitted by using the form in Appendix 1.
- (ii) Submit any new contribution to the existing database by using the form in Appendix 1 (please ensure to include information specific to your country even if the needed drug MRL is already listed with information from another country).

**Appendix 1: Form for additions/revisions to the Database**

New or Revised	Name	Species	Tissues	Good Practice in the use of Veterinary Drugs	Existing Data & Source	Manufacturer	Past JECFA Evaluation	Existing Codex MRLs	Member Country MRLs	Comments
N	<i>Example: Florfenicol</i>	<i>Chicken</i>	<i>Muscle, fat/skin, liver, kidney, eggs</i>	<i>Philippines: 20ppm, Oral; 20mg/kg bw, Oral</i>	<i>None</i>	<i>Schering; Carrington Trading, Inc.; Ceva Animal Health Phils. Inc.</i>	<i>None</i>	<i>No Codex MRLs</i>	<i>EU</i>	

\*Please select N if this is a new request to the database; select R if this revises an existing request.

**Appendix 2: List of Requests by Country**

Country	Drug	Species
Argentina	Phosphomycin	Aquaculture, Cattle, Pig, Poultry
	Triamcinolone	Cattle, Goat, Pig, Sheep
	Oxytetracycline	Bees
Armenia	Aminosydine	Cattle, Chicken, Pig, Rabbit
	Ampicillin	Cattle, Sheep, Swine
	Apramycin	Cattle
	Bacitracin	Rabbit, Cattle
	Benzylpenicillin	Sheep
	Cephacetrile	Cattle
	Cephalexine	Cattle
	Cephalonium	Cattle
	Cephazoline	Cattle, Goat, Sheep
	Cloxacillin	Cattle, Pig, Sheep
	Colistin	All livestock
	Dicloxacillin	Cattle, Pig, Sheep
	Doxycycline	Cattle, Chicken, Pig
	Enrofloxacin	Rabbit, Cattle, Goat, Sheep, Chicken, Pig
	Erythromycin	Cattle, Goat, Pig, Sheep
	Flumequine	Cattle, Chicken, Goat, Sheep
	Kanamycin	All livestock except fish
	Lincomycin	Cattle, Chicken, Goat, Sheep
	Marbofloxacin	Cattle, Goat, Sheep
	Nafcillin	All ruminant animals
	Novobiocin	Cattle
	Oxacillin	All ruminant animals
	Oxytetracycline	All livestock
	Phenoxymethylpenicillin	Cattle, Pig, Poultry, Sheep
	Pirlimycin	Chicken, Pig
	Rifaximine	Cattle
	Streptomycin	Goat
Tetracycline	Goat	
Tilmicosin	Cattle	
Belize	Enrofloxacin	Aquaculture, Poultry
	Florfenicol	Aquaculture
	Norfloxacin	Aquaculture, Poultry
	Roxarsone	Poultry
Chile	Bacitracin	Pig, Poultry, Turkey
	Emamectin Benzoate	Finfish
	Flavophospholipol	Poultry
	Flumequine	Finfish
	Fosfomicina	Poultry
	Oxolinic Acid	Finfish
Costa Rica	Bacitracin	Pig, Chicken
	Cefoperazona	Cattle
	Coumaphos	Cattle, Goat, Pig, Sheep
	Flavophospholipol	Cattle, Chicken, Pig
	Flunixin meglumine	Cattle, Pig
	Fosfomicina	Chicken
	Kitasamycin	Chicken, Pig
	Mebendazole	Cattle, Chicken, Pig
	Oxytocin	Cattle, Pig, Sheep
Robenidine	Chicken	
Democratic People's Republic of Korea	Bacitracin	All animals, Rabbit, Cattle, Pig, Poultry, Turkey, Chicken
	Chlorhexidine	Rabbit
	Hydrocortisone	Pig
	Piperazine	Pig
	Salicylic acid	All
	Sulfadimethoxine	All
	Sulfamerazine	All
	Sulfamethoxypyridazin	All
Sulfaquinoxaline	Poultry, Rabbit	

Country	Drug	Species
Egypt	All Approved drugs for large animals	Camel
	Cefotaxim	Chicken
	Florfenicol	Chicken
	Gentamicin	Chicken
	Metronidazole	Chicken
	Rifamycine	Chicken
	Tolfinamic Acid (tolfin )	Cattle
Guatemala	Boldenone Undecylenate	None specified
	Cypermethrin	None specified
	Diazinon	None specified
	Diclazuril	None specified
	Dimetridazole	None specified
	Flumetrina (Flumethrin)	Bees
	Formic Acid	Bees
	Fumagillin	Bees
	Ivermectin	None specified
	Monensin	None specified
	Nandrolone	None specified
	Nitroimidazoles	None specified
	Oxalic Acid	Bees
	Ractopamine	None specified
	Sulfonamides	None specified
	Tetracycline	Bees
Thymol	Bees	
Virginiamycin	None specified	
Iran	Dexamethasone	Goat, Sheep
	Triclabendazole	Goat
Kenya	All approved drugs for large animals	Camel
	Triclabendazole	Goat
Morocco	Levamisole	Goat
	Rafoxanide	Cattle, Sheep
	Trimethoprim	Every producing food species
Peru	Bacitracin	Cattle, Pig, Chicken
	Emamectin Benzoate	Finfish
	Enrofloxacin	Cattle, Goat, Sheep, Chicken, Pig, Aquaculture
	Florfenicol	Chicken, Cattle, Goat, Sheep, Pig, Fish
	Roxarsone	Chicken
	Trimethoprim	Cattle, Chicken, Goat, Pig, Sheep
	Virginiamycin	Cattle, Chicken, Pig
Philippines	Bacitracin	Pig, Chicken
	Doxycycline	Chicken, Pig
	Enrofloxacin	Chicken, Pig
	Flavophospholipol	Chicken, Pig
	Florfenicol	Chicken, Pig
	Mebendazole	Chicken, Pig
	Norfloxacin	Poultry
Republic of Korea	Amoxicillin	Fish
	Ampicillin	Fish
	Coumaphos	Bees
	Florfenicol	Fish
	Oxolinic Acid	Finfish
	Oxytetracycline	Bees
Syria	Enrofloxacin	Poultry
	Florfenicol	Poultry
Uruguay	Ivermectin	Horse, Sheep, Cattle

**Appendix 3: Database on Countries' Needs for MRLs**

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
All Approved drugs for large animals	Egypt, Kenya	Camel	Meat /fat Liver Kidney Milk		No data are available for any tissue or milk					Camel meat and milk are widely used in Egypt and other countries especially rural areas and in Arab countries. Camel meat and milk are widely consumed in Kenya in the arid and semi arid areas. Camel milk has inherent nutritional and medicinal benefits and has gained popularity among consumers in urban areas and in the city. Demand for camel milk in the international market has increased especially in South Africa and European Union.
Aminosydine	Armenia	Cattle			MRLs (ppb) in Armenia: Muscle (1000), Liver (10,000), Kidney (20,000)	Unknown		No Codex MRLs	Armenia	Need more specific tissue information
Aminosydine	Armenia	Chicken			MRLs (ppb) in Armenia: Muscle (1000), Liver (10,000), Kidney (20,000)	Unknown		No Codex MRLs	Armenia	Need more specific tissue information
Aminosydine	Armenia	Pig			MRLs (ppb) in Armenia: Muscle (1000), Liver (10,000), Kidney (20,000)	Unknown		No Codex MRLs	Armenia	Need more specific tissue information
Aminosydine	Armenia	Rabbit			MRLs (ppb) in Armenia: Muscle (1000), Liver (10,000), Kidney (20,000)	Unknown		No Codex MRLs	Armenia	Need more specific tissue information

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Amoxicillin	Republic of Korea	Fish	Muscle	Republic of Korea Dosing Resimen: 20-40 mg a.i./kg b.w. orally(in feed) for 4 - 7 days		Republic of Korea: Daesung Microbiological Labs Co., Ltd.; Daone Chemical Co., Ltd.; WooGene B&G; KOPAVET Special, Inc.; Jin woo medicine; Ubtech	75th JECFA, 2011	Codex MRL in Cattle, Sheep, Pig	Republic of Korea (0.05-fish)	Fish residue data needed
Ampicillin	Armenia	Cattle	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 50, Fat, 50, Liver 50, Kidney 50, Milk 4	Wyeth		No Codex MRLs	Armenia; Australia: milk; Canada; EU; USA	
Ampicillin	Republic of Korea	Fish	Muscle	Republic of Korea Dosing Resimen : 5-20 mg a.i./kg b.w. Orally(in feed) for 5 days; 2-7 mg a.i./kg b.w. Orally(in feed) for 3-5 days; 0.05-0.1 mg a.i./kg b.w. Orally(in feed) for 3 days; 20-80 mg a.i./kg b.w. Orally(in feed) for 5 days		Republic of Korea: WooSung Vet.; JB Solution; KOPAVET Special, Inc.; Green cross veteritary products; Korea thumb vet.; EWHA PHARMTEK; ChoongAng Biotech Co., Ltd.; Sung-Won Co., Ltd; Samyang Anipharm Co., Ltd.; HANDONG Co., Ltd.; Komi pharm international		No Codex MRLs	Republic of Korea (0.05-fish)	

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
						Co., Ltd; Samu Median Co., Ltd; WooGene B&G; Daehan New Pharm Coperation; Dongbu Farm Hanong; ELT Science; Jin woo medicine; Chamshin pharma Co., Ltd; Da One Chemical; Ubtech				
Ampicillin	Armenia	Sheep	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 50, Fat, 50, Liver 50, Kidney 50, Milk 4	Wyeth		No Codex MRLs	Armenia; Canada; EU; USA	
Ampicillin	Armenia	Swine	Muscle, Liver, Kidney		MRLs (ppb) in Armenia: Muscle 50, Fat, 50, Liver 50, Kidney 50	Wyeth		No Codex MRLs	Armenia; EU	
Apramycin	Armenia	Cattle			MRLs (ppb) in Armenia: Muscle (1000), Fat (1000), Liver (10,000), Kidney (20,000)	Elanco		No Codex MRLs	Armenia; Australia; EU	Need more specific tissue information
Bacitracin	Democratic People's Republic of Korea	All animals		Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days		Alpharma, Inc.; Zoetis, Inc.		No Codex MRLs	Australia: chicken; Canada: chicken, turkey, pig; EU: cattle, rabbit; USA: cattle, swine, chicken,	Need to better define species and tissues



Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
									turkey, quail, pheasant, quail	
Bacitracin	Armenia, Democratic People's Republic of Korea, Peru	Cattle	Muscle, Liver, Fat/Skin, Kidney	Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days; Registered in Peru	MRLs (ppb) in Armenia: Milk (100), Muscle (150), Fat (150), Liver (150), Kidney (150)	Alpharma, Inc.; Zoetis, Inc.	12th JECFA, 1968; Full ADI	No Codex MRLs	Armenia; EU; USA	Summary of 12th JECFA evaluation: If bacitracin is used, it should not be allowed to give rise to detectable residues in food for consumption by humans. If the methods of analysis recommended by the Committee are used, it will be possible to ensure that the residues in food will not exceed the following limits: Milk 0-1.2 IU/ml Meat, 0-0.7 IU/g and Eggs 0-4.8 IU/g (1 mg of bacitracin = 42 IU).
Bacitracin	Costa Rica, Democratic People's Republic of Korea, Peru, Philippines	Chicken	All tissues; Muscle, Liver, Kidney, Egg	Costa Rica Dosing Regimen: 275. ppm, 55 ppm, 220 ppm, oral; Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days; Registered in Peru; Philippines Dosage: 50-200ppm, 100-200ppm		Alpharma, Inc. Agri-Bio Philippines Zoetis, Inc.	12th JECFA, 1968; Full ADI	No Codex MRLs	Australia, Canada; USA	Summary of 12th JECFA evaluation: If bacitracin is used, it should not be allowed to give rise to detectable residues in food for consumption by humans. If the methods of analysis recommended by the Committee are used, it will be possible to ensure that the residues in food will not exceed the following limits: Milk 0-1.2 IU/ml Meat, 0-0.7 IU/g and Eggs 0-4.8 IU/g (1 mg of bacitracin = 42 IU).

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Bacitracin	Chile, Costa Rica, Democratic People's Republic of Korea, Peru, Philippines	Pig	Muscle, Fat, Liver, Kidney	Registered in Chile; Costa Rica Dosing Regimen: 275 ppm, 55 ppm, 220 ppm, oral; Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days; Registered in Peru; Philippines dosage: 50-100ppm, 250-275ppm		Alpharma, Inc. Agri-Bio Philippines Zoetis, Inc.	12th JECFA, 1968; Full ADI	No Codex MRLs	Canada; USA	Summary of 12th JECFA evaluation: If bacitracin is used, it should not be allowed to give rise to detectable residues in food for consumption by humans. If the methods of analysis recommended by the Committee are used, it will be possible to ensure that the residues in food will not exceed the following limits: Milk 0-1.2 IU/ml Meat, 0-0.7 IU/g and Eggs 0-4.8 IU/g (1 mg of bacitracin = 42 IU).
Bacitracin	Chile, Democratic People's Republic of Korea	Poultry	Muscle, Fat, Liver, Kidney, Eggs	Registered in Chile; Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days		Alpharma, Inc.; Zoetis, Inc.	12th JECFA, 1968; Full ADI	No Codex MRLs	Australia: chicken; Canada: chicken turkey; USA	Summary of 12th JECFA evaluation: If bacitracin is used, it should not be allowed to give rise to detectable residues in food for consumption by humans. If the methods of analysis recommended by the Committee are used, it will be possible to ensure that the residues in food will not exceed the following limits: Milk 0-1.2 IU/ml Meat, 0-0.7 IU/g and Eggs 0-4.8 IU/g (1 mg of bacitracin = 42 IU).
Bacitracin	Armenia, Democratic People's Republic of Korea	Rabbit		Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg	MRLs (ppb) in Armenia: Muscle (150), Fat (150), Liver (150), Kidney (150)	Alpharma, Inc.	12th JECFA, 1968; Full ADI	No Codex MRLs	Armenia; EU	Need more specific tissue information; Summary of 12th JECFA evaluation: If bacitracin is used, it should not be allowed to

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
				in feed for 10 - 50 days						give rise to detectable residues in food for consumption by humans. If the methods of analysis recommended by the Committee are used, it will be possible to ensure that the residues in food will not exceed the following limits: Milk 0-1.2 IU/ml Meat, 0-0.7 IU/g and Eggs 0-4.8 IU/g (1 mg of bacitracin = 42 IU).
Bacitracin	Chile, Democratic People's Republic of Korea	Turkey	Muscle, Fat, Liver, Kidney	Registered in Chile; Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days		Alpharma, Inc.; Zoetis, Inc.	12th JECFA, 1968; Full ADI	No Codex MRLs	Canada	Summary of 12th JECFA evaluation: If bacitracin is used, it should not be allowed to give rise to detectable residues in food for consumption by humans. If the methods of analysis recommended by the Committee are used, it will be possible to ensure that the residues in food will not exceed the following limits: Milk 0-1.2 IU/ml Meat, 0-0.7 IU/g and Eggs 0-4.8 IU/g (1 mg of bacitracin = 42 IU).
Benzyl Penicillin	Armenia	Sheep	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 50, Fat, 50, Liver 50, Kidney 50, Milk 4	Wyeth, G. C. Hanford, Walco International, Teva, Cross Vetpharm	36th JECFA, 1990; Full ADI; MRLs recommended in all species (muscle, liver, kidney, milk)	Codex MRLs in cattle, pig, and chicken	Armenia; Australia; Canada; EU; USA: zero tolerance	JECFA recommended MRLs in "all species," Codex MRLs adopted for cattle, pig, and chicken  May require additional sheep residue data
Boldenone Undecylenate	Guatemala	None specified				Wyeth		No Codex MRLs		Need to better define species and tissues
Cefoperazona	Costa Rica	Cattle	Milk	25 mg/mL, intramammary		Pfizer (Italy)		No Codex MRLs	EU: cattle	

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Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Cefotaxim	Egypt	Chicken	Meat fat/ skin Liver Kidney Eggs	5 mg/kg bw/day orally		Pfizer		No Codex MRLs		
Cephacetrile	Armenia	Cattle	Muscle, Liver, Kidney, Milk	Intramammary Use only		Unknown		No Codex MRLs		
Cephalexine	Armenia	Cattle	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 200, Fat 200, Liver 200, Kidney 200, Milk 1000	Unknown		No Codex MRLs	Armenia	
Cephalonium	Armenia	Cattle	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Milk 20	Unknown		No Codex MRLs	Armenia: milk	
Cephazoline	Armenia	Cattle	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Milk 50	Unknown		No Codex MRLs	Armenia: milk	
Cephazoline	Armenia	Goat	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Milk 50	Unknown		No Codex MRLs	Armenia: milk	
Cephazoline	Armenia	Sheep	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Milk 50	Unknown		No Codex MRLs	Armenia: milk	
Chlorhexidine	Democratic People's Republic of Korea	Rabbit		Oral, 0.1% solution for 5 days		Wyeth, First Priority		No Codex MRLs	EU: all food producing species - not required	Need more specific tissue information
Cloxacillin	Armenia	Cattle	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 300, Fat 300, Liver 300, Kidney 300, Milk 30	Pfizer		No Codex MRLs	Armenia; Australia: milk; Canada; EU; USA	

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Cloxacillin	Armenia	Pig	Muscle, Liver, Kidney		MRLs (ppb) in Armenia: Muscle 300, Fat 300, Liver 300, Kidney 300	Pfizer		No Codex MRLs	Armenia; EU	
Cloxacillin	Armenia	Sheep	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 300, Fat 300, Liver 300, Kidney 300, Milk 30	Pfizer		No Codex MRLs	Armenia; EU	
Colistin	Armenia	All livestock			MRLs (ppb) in Armenia: Fat (150), Muscle (150), Liver (150, Kidney (200), Milk (50), Egg (300)	Unknown	66th JECFA, 2006; Full ADI	Codex MRLs in cattle, pig, sheep, goat, rabbit, chicken, and turkey	Armenia; EU: all food producing species	Need to better define species and tissues
Coumaphos	Republic of Korea	Bees		Republic of Korea Dosing Resimen : 0.64 mg a.i./hive (12 combs); 0.16 mg a.i./hive		Republic of Korea: Bisen, Bayer Korea Limited.		No Codex MRLs	Republic of Korea (0.1-honey)	
Coumaphos	Costa Rica	Cattle	Tissues and milk	20% topically		Bayer de Mejico		No Codex MRLs	Australia	
Coumaphos	Costa Rica	Goat	Tissues and milk	20% topically		Bayer de Mejico		No Codex MRLs		
Coumaphos	Costa Rica	Pig	Tissues	20% topically		Bayer de Mejico		No Codex MRLs		Need more specific tissue information
Coumaphos	Costa Rica	Sheep	Tissues and milk	20% topically		Bayer de Mejico		No Codex MRLs		
Cypermethrin	Guatemala	None specified				Unknown	62nd JECFA, 2004; Full ADI	Codex MRLs in cattle and sheep	Australia: cattle, deer, goat, horse, pig, poultry, sheep; EU: all ruminants, salmonids	Need to better define species and tissues

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Dexamethasone	Iran	Goat	muscle	1 - 2.5 mL (2mg) IM, IV, SC		Interchemistry (Netherlands), Schering Plough, Teva, Cross Vetpharm	70th JECFA, 2008; Full ADI	Codex MRLs in cattle, pig, and horse	EU	Goat residue data needed
Dexamethasone	Iran	Sheep	muscle	1 - 2.5 mL (2mg) IM, IV, SC		Interchemistry (Netherlands), Schering Plough, Teva, Cross Vetpharm	70th JECFA, 2008; Full ADI	Codex MRLs in cattle, pig, and horse	Australia: cattle; EU: cattle, goat	Sheep residue data needed
Diazinon	Guatemala	None specified				Unknown		No Codex MRLs	Australia: mammals, poultry; EU: cattle, sheep, goat, pig	Need to better define species and tissues
Diclazuril	Guatemala	None specified				Schering Plough	50th JECFA, 1998; Full ADI	Codex MRLs in sheep, rabbit, and poultry	Canada: chicken, turkey; EU: all ruminants, pig; USA: chicken, turkey	Need to better define species and tissues
Dicloxacillin	Armenia	Cattle	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 300, Fat 300, Liver 300, Kidney 300, Milk 30	Wyeth		No Codex MRLs	Armenia; EU	
Dicloxacillin	Armenia	Pig	Muscle, Liver, Kidney		MRLs (ppb) in Armenia: Muscle 300, Fat 300, Liver 300, Kidney 300	Wyeth		No Codex MRLs	Armenia; EU	
Dicloxacillin	Armenia	Sheep	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 300, Fat 300, Liver 300, Kidney 300,	Wyeth		No Codex MRLs	Armenia; EU	

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Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
					Milk 30					
Dimetridazole	Guatemala	None specified				Unknown	34th JECFA, 1989; No ADI	No Codex MRLs		The 21 <sup>st</sup> CCRVDF agreed to hold proposed draft risk management recommendations for dimetridazole at Step 4 and to include it in the Priority List in order to take a more informed decision at the 22 <sup>nd</sup> CCRVDF.
Doxycycline	Armenia	Cattle			MRLs (ppb) in Armenia: Muscle (100), Liver (300)	Unknown		No Codex MRLs	Armenia; EU	Need more specific tissue information
Doxycycline	Armenia Philippines	Chicken	Muscle, Liver, Kidney, Egg	Philippines: 1ml/10-15kg bw; 100-200pp, Oral; 50-100ppm, Oral;	MRLs (ppb) in Armenia: Muscle (100), Skin and Fat (200), Liver (300), Kidney (600)	Unknown; Jickstar Pharma, Inc. Horizon Link, Inc. Carrington Trading, Inc.		No Codex MRLs	Armenia; EU	
Doxycycline	Armenia Philippines	Pig	Muscle, Liver, Kidney	Philippines: 1ml/20kg bw; 1ml/10-15kg bw; 100-200ppm, Oral; 50-100ppm, Oral; 10mg/kg BW, Oral	MRLs (ppb) in Armenia: Muscle (100), Skin and Fat (200), Liver (300), Kidney (600)	Unknown; Jickstar Pharma, Inc. Horizon Link, Inc. Supervet International, Inc. Carrington Trading, Inc. Hipra Phils., Inc.		No Codex MRLs	Armenia; EU	Need more specific tissue information
Emamectin Benzoate	Chile, Peru	Finfish	Muscle and Skin	Registered in Chile		Schering			Canada: salmonids; EU	
Enrofloxacin	Belize, Peru	Aquaculture	Muscle	Registered in Belize; Registered in Peru		Various (Bayer, Laboratories California, Colombia) Anupco UK	48th JECFA, 1997; Full ADI	No Codex MRLs	EU	48th JECFA requested: "studies to determine the antimicrobial activity of the residues other than enrofloxacin and ciprofloxacin."

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Enrofloxacin	Armenia, Peru	Cattle	Muscle, Fat, Liver, Kidney, Milk	Registered in Peru	MRLs (ppb) in Armenia: Muscle 100, Fat 100, Liver 300, Kidney 200, Milk 100	Bayer	48th JECFA, 1997; Full ADI	No Codex MRLs	Armenia; Canada; EU; USA	48th JECFA requested: "studies to determine the antimicrobial activity of the residues other than enrofloxacin and ciprofloxacin."
Enrofloxacin	Armenia, Peru, Philippines	Chicken	Muscle, Fat/Skin, Liver, Kidney, Egg	Registered in Peru; Philippines: 10mg/kg bw, Oral; 0.1-0.2ml/kg bw, Oral; 0.25ml/kg bw, Oral; 100ppm, Oral; 1ml/10-15kg bw, IM injection	MRLs (ppb) in Armenia: Muscle 100, Fat with Skin 100, Liver 200, Kidney 300	Bayer Health Care - Animal Health; First Fil-Bio; Provet International Corporation; Transcend Phils., Inc.; Jickstar Pharma, Inc.	48th JECFA, 1997; Full ADI	No Codex MRLs	Armenia; EU	48th JECFA requested: "studies to determine the antimicrobial activity of the residues other than enrofloxacin and ciprofloxacin."
Enrofloxacin	Armenia, Peru	Goat	Muscle, Fat, Liver, Kidney, Milk	Registered in Peru	MRLs (ppb) in Armenia: Muscle 100, Fat 100, Liver 300, Kidney 200, Milk 100	Bayer	48th JECFA, 1997; Full ADI	No Codex MRLs	Armenia; EU	48th JECFA requested: "studies to determine the antimicrobial activity of the residues other than enrofloxacin and ciprofloxacin."
Enrofloxacin	Armenia, Peru, Philippines	Pig	Muscle, Fat, Liver, Kidney	Registered in Peru; Philippines: 0.25ml/10kg BW, Oral; 50-75ppm; 1ml/10-15kg bw (piglet), IM injection; 1ml/20kg bw (adult), IM injection	MRLs (ppb) in Armenia: Muscle 100, Fat 100, Liver 200, Kidney 300	Bayer; Provet International Corporation; Transcend Phils., Inc.; Jickstar Pharma, Inc.	48th JECFA, 1997; Full ADI	No Codex MRLs	Armenia; EU; USA	48th JECFA requested: "studies to determine the antimicrobial activity of the residues other than enrofloxacin and ciprofloxacin."
Enrofloxacin	Belize, Syria	Poultry	Muscle, liver, kidney, fat	Registered in Belize; Registered by the Codex National Syrian Committee	Temporary MRLs in Syria: Liver (200), Kidney (300), Muscle (100) (Studies under development)	Enrosol; Variuos (Bayer, Laboratorios California, Colombia) Anupco UK	48th JECFA, 1997; Full ADI	No Codex MRLs	EU; Syria	48th JECFA requested: "studies to determine the antimicrobial activity of the residues other than enrofloxacin and ciprofloxacin."



Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Enrofloxacin	Armenia	Rabbit	Muscle, Fat, Liver, Kidney		MRLs (ppb) in Armenia: Muscle 100, Fat 100, Liver 200, Kidney 300	Bayer	48th JECFA, 1997; Full ADI	No Codex MRLs	Armenia; EU	48th JECFA requested: "studies to determine the antimicrobial activity of the residues other than enrofloxacin and ciprofloxacin."
Enrofloxacin	Armenia, Peru	Sheep	Muscle, Fat, Liver, Kidney, Milk	Registered in Peru	MRLs (ppb) in Armenia: Muscle 100, Fat 100, Liver 300, Kidney 200, Milk 100	Bayer	48th JECFA, 1997; Full ADI	No Codex MRLs	Armenia; EU	48th JECFA requested: "studies to determine the antimicrobial activity of the residues other than enrofloxacin and ciprofloxacin."
Erythromycin	Armenia	Cattle			MRLs (ppb) in Armenia: Muscle (200), Fat (200), Liver (250), Kidney (220), Milk (40) (Studies under development)	Cross Vetpharm	66th JECFA, 2006; Full ADI	Codex MRLs in chicken and turkey	Armenia; Australia; Canada; EU; USA: cattle tissues	Need more specific tissue information Cattle residue data needed
Erythromycin	Armenia	Goat			MRLs (ppb) in Armenia: Muscle (200), Fat (200), Liver (250), Kidney (220), Milk (40)	Cross Vetpharm	66th JECFA, 2006; Full ADI	Codex MRLs in chicken and turkey	Armenia; Australia; EU	Need more specific tissue information Goat residue data needed
Erythromycin	Armenia	Pig			MRLs (ppb) in Armenia: Muscle (200), Fat (200), Liver (250), Kidney (220), Milk (40)	Cross Vetpharm	66th JECFA, 2006; Full ADI	Codex MRLs in chicken and turkey	Armenia; Australia; Canada; EU; USA	Need more specific tissue information Pig residue data needed
Erythromycin	Armenia	Sheep			MRLs (ppb) in Armenia: Muscle (200), Fat (200), Liver (250), Kidney (220), Milk (40)	Cross Vetpharm	66th JECFA, 2006; Full ADI	Codex MRLs in chicken and turkey	Armenia; Australia; Canada; EU	Need more specific tissue information Sheep residue data needed
Flavophospholipol	Costa Rica	Cattle	All tissues	100 ppm oral		Intervet International GmbH		No Codex MRLs	Australia	Need more specific tissue information

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Flavophospholi pol	Costa Rica, Philippines	Chicken	All tissues; Muscle, Liver, Kidney, Egg	Costa Rica: 100 ppm oral Philippines: 4ppm, Oral; 2.6-5ppm, Oral		Intervet International GmbH; APF Corporation; Inphilco, Inc.; RNSV Corporation		No Codex MRLs		Need more specific tissue information
Flavophospholi pol	Costa Rica, Philippines	Pig	All tissues; Muscle, Liver, Kidney	Costa Rica: 100 ppm oral; Philippines: 5ppm, Oral; 5-10ppm, Oral; 10-20ppm, Oral		Intervet International GmbH; APF Corporation; Inphilco, Inc.; RNSV Corporation		No Codex MRLs		Need more specific tissue information
Flavophospholi pol	Chile	Poultry	Muscle, Fat, Liver, Kidney, Eggs	Registered in Chile		Intervet International GmbH		No Codex MRLs		
Florfenicol	Belize	Aquaculture	Muscle	Registered in Belize	Dossier Avi – Mex SA de CV	Flor-Blend Aqua from Avi-Mex, Mexico; Intervet, Inc.		No Codex MRLs	Australia: fish; Canada: salmonids; EU: finfish; USA: catfish, salmonids	
Florfenicol	Peru	Cattle	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru		Schering, Intervet, Inc.		No Codex MRLs	Australia; Canada; EU; USA	
Florfenicol	Egypt, Peru, Philippines	Chicken	Muscle, fat/ skin, Liver, Kidney, Eggs	Egypt Dosage Regimen: 10 mg/kg bw/day orally; Registered in Peru; Philippines: 20ppm, Oral; 20mg/kg bw, Oral		Schering; Carrington Trading, Inc.; Ceva Animal Health Phils., Inc.		No Codex MRLs	EU	

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Florfenicol	Peru, Republic of Korea	Fish	Muscle	<p>Registered in Peru;</p> <p>Republic of Korea Dosing Regimen: 10 mg/kg b.w. Orally(in feed) for 5 days;</p> <p>1 mg/kg b.w. Orally(in feed) for 5 days;</p> <p>10 a.i. mg/kg b.w. i.m. injection (Bastard halibut)</p> <p>Registered for use in salmon, yellowtail, eel, cherry salmon, Ayu sweetfish.</p> <p>Withdrawal times: 5 day for oral product in yellowtail, 7 days for oral product in eel, 14 days for oral product in salmon, cherry salmon, Ayu sweetfish, 40 days for i.m. injection in bastard halibut</p>		<p>Peru: Schering Republic of Korea:</p> <p>RNL Bio Co., Ltd; JB Solution; Daesung Mircrobiological Labs Co., Ltd.; Samu Median Co., Ltd; Sung-Won Co., Ltd; Chamshin pharma Co., Ltd; KBNP, INC.; Green cross veteritary products;</p> <p>Dongbu Farm Hanong; Seoul vet pharma; Eaglevet; Daehan New Pharm Coperation; SF., Inc; Samyang Anipharm Co., Ltd.; EWHA PHARMTEK; Jin woo medicine; CTC bio Co., Ltd; Korea thumb vet.; Namjoon local products; ELT Science; WooGene B&amp;G; Daone Chemical; NEL biotech. Ltd; Ubtech; HANDONG</p>		No Codex MRLs	<p>Australia;</p> <p>Canada: salmonids;</p> <p>EU: finfish;</p> <p>USA: catfish, salmonids;</p> <p>Republic of Korea (0.2-fish)</p>	<p>Republic of Korea trade names: MEGAFEN · FISH solution, DANAPEN-C, Aqua Florfen, Aquaflo, Ultra flo, etc.</p>

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
						Co., Ltd. USA: Intervet				
Florfenicol	Peru	Goat	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru		Schering		No Codex MRLs	EU	
Florfenicol	Peru, Philippines	Pig	Muscle, Fat/Skin, Liver, Kidney	Registered in Peru; Philippines: Broad Spectrum Antibiotic (Control of Swine Respiratory Diseases), dosage: 20ppm, Oral; 40-80ppm, Oral; 20-40ppm Oral; 20mg/kg bw, Oral; 15mg/kg bw, IM injection product label available	The European Agency for the Evaluation of Medicinal Products- Veterinary Medicines and Inspections: Muscle (300µg/kg), Skin+Fat (500µg/kg), Liver (2000µg/kg) and Kidney (500µg/kg) Australian Pesticide and Veterinary Medicine Authority- Muscle (0.5mg/kg), Skin+Fat (1mg/kg), Liver (3mg/kg) and Kidney (1mg/kg)	Intervet Schering Plough Animal Health Mexico; Carrington Trading, Inc., Plaridel, Virbac Animal Health, Ceva Animal Health, Schering Plough Animal Health, Intervet, Inc.		No Codex MRLs	Australia; Canada; EU	
Florfenicol	Syria	Poultry	Liver Kidney Muscle	Registered by the Codex National Syrian Committee	Temporary MRLs in Syria: Liver (2500), Kidney (750) Muscle (100) (Studies under development)	Floridin		No Codex MRLs	EU; Syria	

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Florfenicol	Peru	Sheep	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru		Schering		No Codex MRLs	EU	
Flumequine	Armenia	Cattle	Milk		MRLs (ppb) in Armenia: Muscle 200, Fat 300, Liver 300, Kidney 500, Milk 50	Unknown	48th JECFA, 2006; Full ADI	Codex MRLs in fat, kidney, liver, and muscle	Armenia; EU	48th JECFA did not receive residue data for milk
Flumequine	Armenia	Chicken	Fat with Skin		MRLs (ppb) in Armenia: Muscle 400, Fat and Skin 250, Liver 800, Kidney 1000	Unknown	48th JECFA, 2006; Full ADI	Codex MRLs in fat, kidney, liver, and muscle	Armenia; EU	Need more specific tissue information
Flumequine	Chile	Finfish	Muscle and Skin	Registered in Chile			66th JECFA, 2006; Full ADI	Codex MRLs in cattle, pig, sheep, chicken, and trout	EU	Codex MRLs in trout, additional residue data may be required to cover all finfish
Flumequine	Armenia	Goat	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 200, Fat 300, Liver 300, Kidney 500, Milk 50	Unknown	66th JECFA, 2006; Full ADI	Codex MRLs in cattle, pig, sheep, chicken, and trout	Armenia; EU	Goat residue data needed
Flumequine	Armenia	Sheep	Milk		MRLs (ppb) in Armenia: Muscle 200, Fat 300, Liver 300, Kidney 500, Milk 50	Unknown	66th JECFA, 2006; Full ADI	Codex MRLs in fat, kidney, liver, and muscle	Armenia; EU	48th JECFA did not receive residue data for milk
Flumetrina (Flumethrin)	Guatemala	Bees	Honey					No Codex MRLs	EU: not required	
Flunixin meglumine	Costa Rica	Cattle	Tissues and Milk	83 mg/mL parenteral		Schering Plough, Calox Venezuela		No Codex MRLs	Australia; Canada; EU; USA	
Flunixin meglumine	Costa Rica	Pig	Tissues and Milk	83 mg/mL parenteral		Schering Plough, Calox Venezuela		No Codex MRLs	Canada; EU; USA	

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Formic Acid	Guatemala	Bees	Honey			Unknown		No Codex MRLs	EU: all food producing species - not required	
Fosfomicina	Costa Rica	Chicken	All tissues	300 - 500 ppm, oral		Bedson de Centroamerica		No Codex MRLs		Need more specific tissue information
Fosfomicina	Chile	Poultry	Fat, Muscle, Liver, Kidney, Eggs	Registered in Chile		Bedson, Argentina		No Codex MRLs		
Fumagillin	Guatemala	Bees	Honey			Unknown		No Codex MRLs		
Gentamicin	Egypt	Chicken	Meat fat/ skin Liver Kidney Eggs	5mg/kg bw/day orally		Bayer ADWIA	50th JECFA, 1998; Full ADI	Codex MRLs in cattle and pig	Canada; USA	Chicken residue data needed
Hydrocortisone	Democratic People's Republic of Korea	Pig		Oral, 0.1 - 0.3g three times a day		Unknown		No Codex MRLs	EU: all food producing species - not required	Need more specific tissue information
Ivermectin	19th CCRVDF	Camel	all tissues				58th JECFA, 2002; Full ADI	Codex MRLs in cattle, pig, and sheep	EU	Need more specific tissue information Camel residue data needed
Ivermectin	Uruguay, 19th CCRVDF	Cattle	Muscle	Uruguay: Endectocide. Dosage regimen is parenteral (1% & 2% product): 0.2 mg/kg bw in cattle, sheep, horses, and goats; 0.3 mg/kg bw in swine; 3.15% product has dose of 0.63 mg/kg in cattle;	MRLs (ppb) in US: Cattle Muscle (10).	Merial	58th JECFA, 2002; Full ADI; 78th JECFA, MRLs recommended	Codex MRLs liver, fat, and milk	Australia; Canada; EU; USA	

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
				3.5% product has dose of 0.75 mg/kg bw in cattle. Widely used in the country in food producing animals. Registered in Uruguay: 80 registered 1% Ivermectin, 1 registered 2% Ivermectin, 18 registered 3.15% Ivermectin, and 3 registered 3.5% Ivermectin, Product label available						
Ivermectin	Uruguay	Horse	Muscle	Uruguay: Endectocide, Dosage regimen is parenteral 0.2 mg/kg bw, Widely used in the country in food producing animals. Registered in Uruguay: 80 registered 1% Ivermectin, 1 registered 2% Ivermectin, 18 registered 3.15% Ivermectin, and 3 registered 3.5%	MRLs (ppb) in US: Cattle Muscle (10).	Merial	58th JECFA, 2002; Full ADI	Codex MRLs in cattle, pig, and sheep	Australia; EU	Horse residue data needed

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
				Ivermectin, product label available						
Ivermectin	Guatemala	None specified				Merial	58th JECFA, 2002; Full ADI	Codex MRLs in cattle, pig, and sheep	Australia: cattle, deer, horse, pig, sheep; Canada: cattle, sheep, pig; EU: all mammalian food producing species; USA: cattle, swine, sheep, reindeer, American bison	Need to better define species and tissues
Ivermectin	19th CCRVDF	Rabbit	all tissues				58th JECFA, 2002; Full ADI	Codex MRLs in cattle, pig, and sheep	EU	Need more specific tissue information Rabbit residue data needed
Ivermectin	Uruguay	Sheep	Muscle	Uruguay: Endectocide, Dosage regimen is parenteral 0.2 mg/kg bw, Widely used in the country in food producing animals. Registered in Uruguay: 80 registered 1% Ivermectin, 1 registered 2% Ivermectin, 18 registered 3.15%	MRLs (ppb) in US: Cattle Muscle (10).	Merial	58th JECFA, 2002; Full ADI	Codex MRLs in liver and fat	Australia; Canada; EU: fat, liver, kidney; USA: liver	36th JECFA recommended MRLs in liver and fat only because residues were highest in these tissues and suitable methods were available.



Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
				Ivermectin, and 3 registered 3.5% Ivermectin, product label available						
Kanamycin	Armenia	All livestock except fish			MRLs in Armenia: Muscle (100), Fat (100), Liever (600), Kidney (2500), Milk (150)	Wyeth	12th JECFA, 1968; No ADI	No Codex MRLs	Armenia; EU: all food producing species except fin fish	Need to better define species and tissues  12th JECFA reported: "Kanamycin could not be fully evaluated toxicologically on the basis of the data that were made available."
Kitasamycin	Costa Rica	Chicken	All tissues	110 - 330 ppm oral		Anupco, Inglaterra		No Codex MRLs	Australia	Need more specific tissue information
Kitasamycin	Costa Rica	Pig	All tissues	110 - 330 ppm oral		Anupco, Inglaterra		No Codex MRLs	Australia	Need more specific tissue information
Levamisole	Morocco	Goat	Fat, Muscle, Liver, Kidney	Registered in Morocco	EU regulation 37/2010	ATLAS Vétérinaire BCI CEVA INTERVET CALIER PHARMA 5 ECOMED	42nd JECFA, 1994; Full ADI	Codex MRLs in cattle, sheep, and poultry.	Australia; Canada: cattle, sheep; EU: cattle, sheep; USA: cattle, sheep	Goat residue data needed
Lincomycin	Armenia	Cattle			MRLs (ppb) in Armenia: Muscle (100), Fat (50), Liver (500), Kidney (1500), Milk (150)	Pfizer	62nd JECFA, 2004; Full ADI	Codex MRL in milk	Armenia; Australia; EU	Need more specific tissue information
Lincomycin	Armenia	Chicken			MRLs (ppb) in Armenia: Muscle (100), Fat (50), Liver (500), Kidney (1500), Egg (50)	Pfizer	62nd JECFA, 2004; Full ADI	Codex MRLs in liver, kidney, muscle, fat, and fat with skin	Armenia; Australia; Canada; EU; USA	Need more specific tissue information
Lincomycin	Armenia	Goat			MRLs (ppb) in	Pfizer	62nd	Codex	Armenia;	Need more specific tissue

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
					Armenia: Muscle (100), Fat (50), Liver (500), Kidney (1500), Milk (150)		JECFA, 2004; Full ADI	MRLs in Cattle milk, and pig and chicken tissues	Australia; EU	information Goat residue data needed
Lincomycin	Armenia	Sheep			MRLs (ppb) in Armenia: Muscle (100), Fat (50), Liver (500), Kidney (1500), Milk (150)	Pfizer	62nd JECFA, 2004; Full ADI	Codex MRLs in Cattle milk, and pig and chicken tissues	Armenia; EU	Need more specific tissue information Goat residue data needed
Marbofloxacin	Armenia	Cattle			MRLs in Armenia: Muscle (150), Fat (50), Liver (!50), Kidney (150), Milk (75)	Unknown		No Codex MRLs	Armenia; EU	Need more specific tissue information
Marbofloxacin	Armenia	Goat			MRLs (ppb) in Armenia: Muscle (150), Fat (50), Liver (!50), Kidney (150), Milk (75)	Unknown		No Codex MRLs	Armenia	Need more specific tissue information
Marbofloxacin	Armenia	Sheep			MRLs in Armenia: Muscle (150), Fat (50), Liver (!50), Kidney (150), Milk (75)	Unknown		No Codex MRLs	Armenia	Need more specific tissue information
Mebendazole	Costa Rica	Cattle	All tissues	500 - 600 ppm, oral		Schering Plough, Cenavisa, Espana		No Codex MRLs	Australia	Need more specific tissue information
Mebendazole	Costa Rica, Philippines	Chicken	All tissues; Muscle, Liver, Kidney, Egg	Costa Rica: 500 - 600 ppm, oral; Philippines: 60ppm, Oral; 60-120ppm, Oral		Schering Plough, Cenavisa, Espana; Equalivet; JCS Chemical Industries, Inc.;		No Codex MRLs		Need more specific tissue information

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
						Transcend Phils., Inc.; Masstock Laboratories				
Mebendazole	Costa Rica, Philippines	Pig	All tissues; Muscle, Liver, Kidney	Costa Rica: 500 - 600 ppm, oral; Philippines: 15-60ppm, Oral; 30-60ppm, Oral; 30-72ppm, Oral		Schering Plough, Cenavisa, Espana; Equalivet; JCS Chemical Industries, Inc.; Transcend Phils., Inc.; Masstock Laboratories		No Codex MRLs	Australia	Need more specific tissue information
Metronidazole	Egypt	Chicken	Meat Fat/skin Liver Kidney Eggs	2mg/kg bw/day orally, Used together with colistin		Marcyrl	34th JECFA, 1989; No ADI	No Codex MRLs		The 21st CCRVDF agreed to hold proposed draft risk management recommendations for metronidazole at Step 4 and to include it in the Priority List in order to take a more informed decision at the 22nd CCRVDF.
Monensin	Guatemala	None specified				Elanco	70th JECFA, 2008; Full ADI	Codex MRLs in quail, cattle, sheep, goat, chicken, and turkey	Australia: cattle, goat, poultry, sheep; Canada: cattle, chicken, turkey; EU: cattle; US: cattle, goat, chicken, turkey, quail	Need to better define species and tissues
Nafcillin	Armenia	All ruminant animals	Muscle, Liver, Kidney, Milk		MRLs (ppb) in Armenia: Muscle 300, Fat 300, Liver 300, Kidney 300, Milk 30	Unknown		No Codex MRLs	Armenia; EU: all ruminants	Need to better define species

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Nandrolone	Guatemala	None specified				Unknown		No Codex MRLs		Need to better define species and tissues
Nitroimidazoles	Guatemala	None specified				Unknown		No Codex MRLs		The 21st CCRVDF agreed to hold proposed draft risk management recommendations for nitroimidazoles at Step 4 and to include them in the Priority List in order to take a more informed decision at the 22nd CCRVDF.
Norfloracin	Belize	Aquaculture	Muscle	Registered in Belize		Various (Bayer, Laboratorios California, Colombia) Anupco UK		No Codex MRLs		
Norfloracin	Belize, Philippines	Poultry	Muscle, liver, kidney, fat, egg	Registered in Belize; Philippines: 100ppm, Oral; 25-50ppm, Oral		Various (Bayer, Laboratorios California, Colombia) Anupco UK; Jickstar Pharma, Inc.; Chemvet Products; Apt Vet Link, Inc.; Carrington Trading, Inc.		No Codex MRLs		
Novobiocin	Armenia	Cattle			MRLs (ppb) in Armenia: Milk (50)	Pfizer	12th JECFA, 1968; Full ADI	No Codex MRLs	Armenia: milk; Australia; Canada; EU; USA	Summary of 12th JECFA: "When novobiocin is used, it should not be allowed to give rise to detectable residues in food for human consumption. The quantification limits of the analytical methods recommended by the Committee are: milk 0-0.15 mg/kg; meat 0-0.5mg/kg; and eggs 0-0.1 mg/kg."
Oxacillin	Armenia	All ruminant animals	Muscle, Liver, Kidney,		MRLs (ppb) in Armenia: Muscle 300, Fat	Unknown		No Codex MRLs	Armenia; EU: all food producing	Need to better define species

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
			Milk		300, Liver 300, Kidney 300, Milk 30				species	
Oxalic Acid	Guatemala	Bees	Honey			Unknown		No Codex MRLs	EU: not required	
Oxolinic Acid	Chile, Republic of Korea	Finfish	Muscle and Skin	Registered in Chile Republic of Korea Dosing Resimen: 5-10 a.i. mg/kg b.w. Orally(in feed) for 5-7 days(carp, Aeromonas hydrophila); 5-20 a.i. mg/kg b.w. - Orally(in feed) for 3-5 days(cherry salmon, Vivrio anguillarum); 5-10 a.i. mg/kg, Orally (in feed) for 5-7 days(salmon, Aeromonas salmonicida) 5-20 a.i. mg/kg b.w. Orally(in feed) for 4-6 days(eel, Aeromonas hydrophila) 5-20 a.i. mg/kg b.w. Orally(in feed) for 5-7 days(eel, Edwardsiella tarda) 1-5 a.i. mg/kg b.w. Orally(in feed) for 3-5		Republic of Korea: Samyang Anipharm Co., Ltd.; Sung-Won Co., Ltd; Dongbu Farm Hanong; HANDONG Co., Ltd.; WooGene B&G; WooSung Vet.; Samu Median Co., Ltd; Chamshin pharma Co., Ltd; SF., Inc; Bayer Korea Limited.; Seoul vet pharma; Daehan New Pharm Coperation; Korea thumb vet.; Namjoon local products; NEL biotech. Ltd; EWHA PHARMTEK; Green cross veteritary products; Dawon Chemical	43rd JECFA, 1994; No ADI	No Codex MRLs	EU; Republic of Korea (0.1-cherry salmon, salmon, Yellowtail, eel, Ayu sweetfish, carp)	Summary of 43rd JECFA: "In view of the major deficiencies in the reporting and protocols of thetoxicological studies available for evaluation, and as a clear NOEL in the arthropathy study in dogs could not be identified, the Committee was unable to establish an ADI. The Committee was not able to set MRLs for oxolinic acid because no ADI was established. No additional residue data were requested."

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
				<p>days(eel, Pseudomonas anguillaum) 10-30 a.i. mg/kg b.w. Orally(in feed) for 5 days(yellowtail, Pasteurella piscicida) 5-20 a.i. mg/kg b.w. Orally(in feed) for 3-7 days(ayu sweetfish, Vivrio anguillarum); 5-20 a.i. mg/kg b.w. Orally(in feed) for 4-6 days(eel, Aeromonas hydrophila); 10-30 a.i. mg/kg b.w. Orally(in feed) for 3-7 days; 10-20 a.i. mg/kg b.w. Orally(in feed) (eel, carp, cherry salmon); 10-30 a.i. mg/kg b.w. Orally(in feed) (yellowtail); 5-10 a.i. mg/kg b.w. Orally(in feed) for 5-7 days (salmon, Aeromonas salmonicida); 5-20 a.i. mg/kg</p>						

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
				b.w. Orally(in feed) for 3-5 days(salmon, Vivrio anguillarum); 20 a.i. mg/kg b.w. - Orally(in feed) for 5 days(eel, Edwardsiella trada); 5-10 a.i. mg/kg b.w. Oral(in feed) for 3-7 days; 4-10 a.i. mg/kg water, Dip treatment for 5-8 hours; 1 a.i. g/kg water, Dip treatment for 24 hours(carp, Aeromonas spp.)						
Oxytetracycline	Armenia	All livestock			MRLs (ppb) in Armenia: Muscle (300), Liver (300), Kidney (100), Milk (100)	Pfizer, Boehringer Ingeleheim, Phibro, Pennfield	50th JECFA, 1998; 58th JECFA, 2002; Full ADI	Codex MRLs in cattle, pig, sheep, poultry, fish, and giant prawn	Armenia; Australia: fish, bees, cattle, goat, pig, sheep, mammals, poultry, shrimp, prawns; Canada: cattle, pig, sheep, salmonids, lobster, chicken, turkey, bees; EU: all food producing	Need to better define species and tissues

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
									species; USA: beef cattle, dairy cattle, calves, swine, sheep, chicken, turkey, finfish, lobster	
Oxytetracycline	Argentina, Republic of Korea	Bees	Honey	Registered in Argentina in cattle, sheep, goats, pigs, bees, fur bearing animals, and aquaculture  Republic of Korea Dosing Resimen: 0.03 g a.i./comb (3 combs-0.09 g, 5 combs-0.15g, 8 combs-0.24g)		Argentina: Unknown  Republic of Korea: Ubtech	50th JECFA, 1998; 58th JECFA, 2002; Full ADI	Codex MRLs in cattle, pig, sheep, poultry, fish, and giant prawn	Australia; Canada; Republic of Korea (0.3-honey)	Honey residue data needed
Oxytocin	Costa Rica	Cattle	Tissues and milk	10 IU/mL, parenteral		Boehringer Ingelheim, Wyeth, Teva, United Vaccines, Cross Vetpharm, Intervet, Holanda, Apropharma		No Codex MRLs	EU: not required	
Oxytocin	Costa Rica	Pig	Tissues	10 IU/mL, parenteral		Boehringer Ingelheim, Wyeth, Teva, United Vaccines,		No Codex MRLs	EU: not required	Need more specific tissue information



Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
						Cross Vetpharm, Intervet, Holanda, Apropharma				
Oxytocin	Costa Rica	Sheep	Tissues and milk	10 IU/mL, parenteral		Boehringer Ingelheim, Wyeth, Teva, United Vaccines, Cross Vetpharm, Intervet, Holanda, Apropharma		No Codex MRLs	EU: not required	
Phenoxymethyl penicillin	Armenia	Cattle	Muscle, Liver, Skin, Kidney, Milk	Intramuscular	MRLs (ppb) in Armenia: Muscle 25, Skin and Fat: 25, Liver 25, Kidney 50, Milk 4	Unknown		No Codex MRLs	Armenia	
Phenoxymethyl penicillin	Armenia	Pig	Muscle, Liver, Skin, Kidney, Milk	Intramuscular	MRLs (ppb) in Armenia: Muscle 25, Skin and Fat: 25, Liver 25, Kidney 50, Milk 4	Unknown		No Codex MRLs	Armenia; EU	
Phenoxymethyl penicillin	Armenia	Poultry	Muscle, Liver, Skin, Kidney, Milk	Intramuscular	MRLs (ppb) in Armenia: Muscle 25, Skin and Fat: 25, Liver 25, Kidney 50, Milk 4	Unknown		No Codex MRLs	Armenia; EU	
Phenoxymethyl penicillin	Armenia	Sheep	Muscle, Liver, Skin, Kidney, Milk	Intramuscular	MRLs (ppb) in Armenia: Muscle 25, Skin and Fat: 25, Liver 25, Kidney 50, Milk 4	Unknown		No Codex MRLs	Armenia	

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Phosphomycin	Argentina	Aquaculture	Muscle Skin and fat Liver Kidney Milk Eggs	Dose in poultry and pigs: 10 mg/Kg Pv to 40 mg /Kg Pv, Registered in Argentina in poultry and pigs, but not cattle and aquaculture	ADI Japan: 0.019 mg/Kg Pv/day	Bedson S.A.		No Codex MRLs	Japan	
Phosphomycin	Argentina	Cattle	Muscle Skin and fat Liver Kidney Milk Eggs	Dose in poultry and pigs: 10 mg/Kg Pv to 40 mg /Kg Pv, Registered in Argentina in poultry and pigs, but not cattle and aquaculture	ADI Japan: 0.019 mg/Kg Pv/day	Bedson S.A.		No Codex MRLs	Japan	
Phosphomycin	Argentina	Pig	Muscle Skin and fat Liver Kidney Milk Eggs	Dose in poultry and pigs: 10 mg/Kg Pv to 40 mg /Kg Pv, Registered in Argentina in poultry and pigs, but not cattle and aquaculture	ADI Japan: 0.019 mg/Kg Pv/day	Bedson S.A.		No Codex MRLs		
Phosphomycin	Argentina	Poultry	Muscle Skin and fat Liver Kidney Milk Eggs	Dose in poultry and pigs: 10 mg/Kg Pv to 40 mg /Kg Pv, Registered in Argentina in poultry and pigs, but not cattle and aquaculture	ADI Japan: 0.019 mg/Kg Pv/day	Bedson S.A.		No Codex MRLs		
Piperazine	Democratic People's Republic of	Pig		Oral, 0.4 g/kg BW/day		Fleming Labs		No Codex MRLs	EU; USA	Need more specific tissue information

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
	Korea									
Pirlimycin	Armenia	Chicken			MRLs (ppb) in Armenia: Muscle (100), Skin and Fat (50), Liver 500), Kidney (1500), Egg (50)	Pfizer	62nd JECFA, 2004; Full ADI	Codex MRLs in cattle	Armenia	Need more specific tissue information Chicken residue data needed
Pirlimycin	Armenia	Pig			MRLs (ppb) in Armenia: Muscle (100), Skin and Fat (50), Liver (500), Kidney (1500)	Pfizer	62nd JECFA, 2004; Full ADI	Codex MRLs in cattle	Armenia	Need more specific tissue information Pig residue data needed
Ractopamine	Guatemala	None specified				Elanco	Most recent evaluation by JECFA in 2010; Full ADI; MRLs recommended in cattle and pig	Codex MRLs in cattle and pig	Australia: pig; Canada: pig, cattle, turkey; USA: cattle, swine, turkey	Need to better define species and tissues
Rafoxanide	Morocco	Cattle	Muscle, Fat, Liver, Kidney	Registered in Morocco	EU regulation 37/2010	ATLAS Vétérinaire BCI CEVA INTERVET NOVOVET ECOMED		No Codex MRLs	EU	
Rafoxanide	Morocco	Sheep	Muscle, Fat, Liver, Kidney	Registered in Morocco	EU regulation 37/2010	ATLAS Vétérinaire BCI CEVA INTERVET NOVOVET ECOMED		No Codex MRLs	EU	
Rifamycine	Egypt	Chicken	Meat fat/ skin Liver Kidney Eggs	10 mg/kg bw/day orally		EI- NASR		No Codex MRLs		

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Rifaximine	Armenia	Cattle			MRLs (ppb) in Armenia: Milk (60)	Unknown		No Codex MRLs	Armenia: milk; EU: not required	Need more specific tissue information
Robenidine	Costa Rica	Chicken	Tissues	500 ppm, oral		Alpharma, Inc., Farivet		No Codex MRLs	Australia; Canada	Need more specific tissue information
Roxarsone	Peru	Chicken	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru				No Codex MRLs	Canada; USA	
Roxarsone	Belize	Poultry	Muscle, Kidney	Registered in Belize		Helm Mexico and Calier Spain		No Codex MRLs	Canada: chicken, turkey; USA: chicken, turkey	
Salicylic acid	Democratic People's Republic of Korea	All		Tetter, Applied, Ointment (5-10%)		Democratic People's Republic of Korea		No Codex MRLs	EU: not required	Need to better define species and tissues
Streptomycin	Armenia	Goat			MRLs (ppb) in Armenia: Muscle (500), Fat (500), Liver (500), Kidney (1000), Milk (200)	Unknown	58th JECFA, 2002; Full ADI	Codex MRLs in cattle, pig, sheep, and chicken	Armenia; Australia; Canada: cattle; EU; USA: calves	Need more specific tissue information Goat residue data needed
Sulfadimethoxine	Democratic People's Republic of Korea	All		Bacterial infection; Oral, 0.05-0.1g/kg-bw/day, or injection, 15-30% solution (subcutaneous, intravenous)		Alpharma		No Codex MRLs	Canada: cattle, swine, horse, chicken, turkey; EU: all food producing species; USA: chicken, turkey, cattle, duck, salmonids, catfish, chukar	Need to better define species and tissues

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
									partridges	
Sulfamerazine	Democratic People's Republic of Korea	All		Bacterial infection, coccidiosis; Oral, 0.05-0.1g/kg•bw/day, or injection, 15-30% solution(subcutaneous, intravenous)		Alpharma		No Codex MRLs	Canada: cattle, sheep, pig; EU: all food producing species	Need to better define species and tissues
Sulfamethoxy pyridazin	Democratic People's Republic of Korea	All		Bacterial infection; Oral, 0.02-0.2 g/kg•bw/day		Unknown		No Codex MRLs	EU: all food producing species; USA: swine, cattle	Need to better define species and tissues
Sulfaquinoxaline	Democratic People's Republic of Korea	Poultry		Bacterial infection, coccidiosis; Oral, 0.02-0.03% of the feed for prevention, 0.05-0.07% for therapy for 3 days		Teva		No Codex MRLs	Australia; Canada: chicken turkey; EU; USA: chicken, turkey	Need more specific tissue information
Sulfaquinoxaline	Democratic People's Republic of Korea	Rabbit		Coccidiosis; Oral, 0.01-0.02% of the feed for prevention for 10 days, 0.05-0.07% for therapy for 3-5 days		Teva		No Codex MRLs	Canada; EU	Need more specific tissue information
Sulfonamides	Guatemala	None specified				Unknown		Codex MRLs in cattle milk and tissues of unspecified species	EU: all food producing species	Need to better define species and tissues

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
Tetracycline	Guatemala	Bees	Honey			Pfizer, Boehringer, Igelheim, Wyeth, Alpharma, Medpharmex, Agri Laboratories, Teva	50th JECFA, 1998; Full ADI	Codex MRLs in cattle, pig, sheep, poultry, fish, and giant prawn		Honey residue data needed
Tetracycline	Armenia	Goat			MRLs (ppb) in Armenia: Muscle (100), Liver (300), Kidney (600), Milk (100)	Pfizer, Boehringer, Igelheim, Wyeth, Alpharma, Medpharmex, Agri Laboratories, Teva	50th JECFA, 1998; Full ADI	Codex MRLs in cattle, pig, sheep, poultry, fish, and giant prawn	Armenia; Canada: cattle, sheep; EU; USA: calves	Need more specific tissue information Goat residue data needed
Thymol	Guatemala	Bees	Honey			Unknown		No Codex MRLs		
Tilmicosin	Armenia	Cattle			MRLs (ppb) in Armenia: Milk (40)	Elanco	70th JECFA, 2008; Full ADI	Codex MRLs in fat, kidney, liver, and muscle	Armenia: milk; Australia; Canada; EU; USA	If seeking MRL for cattle milk, residue data needed
Tilmicosin	19th CCRVDF	Chicken	Eggs				70th JECFA, 2008; Full ADI	Codex MRLs in cattle, pig, sheep, chicken, and turkey tissues		Egg residue data needed
Tilmicosin	19th CCRVDF	Turkey	Eggs				70th JECFA, 2008; Full ADI	Codex MRLs in cattle, pig, sheep, chicken, and turkey tissues		Egg residue data needed
Tolfinamic Acid (tolfin )	Egypt	Cattle	Meat /fat Liver Kidney	2 mg/kg bw/day i.m/i.v		Egg residue data needed		No Codex MRLs	EU	

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
			Milk							
Triamcinolone	Argentina	Cattle	Muscle	Route of administration IM, 7mg/300kg; Registered in Argentina		Unknown		No Codex MRLs		
Triamcinolone	Argentina	Goat	Muscle	Route of administration IM, 7mg/300kg; Registered in Argentina		Unknown		No Codex MRLs		
Triamcinolone	Argentina	Pig	Muscle	Route of administration IM, 7mg/300kg; Registered in Argentina		Unknown		No Codex MRLs		
Triamcinolone	Argentina	Sheep	Muscle	Route of administration IM, 7mg/300kg; Registered in Argentina		Unknown		No Codex MRLs		
Triclabendazole	Kenya, Iran	Goat	Liver, Kidney, Milk, Muscle	Iran dosage regimen: 5 mg/kg oral		Novartis	70th JECFA, 2008; Full ADI	Codex MRLs in cattle and sheep	Australia; EU	Goat residue data needed
Trimethoprim	Peru	Cattle	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru		Roche		No Codex MRLs	Australia; EU	
Trimethoprim	Peru	Chicken	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru		Roche		No Codex MRLs	Australia; EU	
Trimethoprim	Morocco	Every producing food species	Fat, Muscle, Liver, Kidney, Milk	Registered in Morocco	EU regulation 37/2010	ATLAS Vétérinaire VIRBAC CEVA SOPHAVET INTERVET NOVOVET BIMEDA UPHAR		No Codex MRLs	Australia: mammals, poultry; Canada: salmonids; EU: horse, all other food producing	Need more specific species information

Database on Countries' Needs for MRLs										
Name	Countries Requesting	Species	Tissues	Good Practice in the Use of Veterinary Drugs (GPVD)	Existing Data & Source	Manufacturer	JECFA Evaluation	Codex MRLs	Member Country MRLs	COMMENTS
						FRANVET			species	
Trimethoprim	Peru	Goat	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru		Roche		No Codex MRLs	Australia; EU	
Trimethoprim	Peru	Pig	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru		Roche		No Codex MRLs	Australia; EU	
Trimethoprim	Peru	Sheep	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru		Roche		No Codex MRLs	Australia; EU	
Virginiamycin	Peru	Cattle	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru				No Codex MRLs	Australia; USA: not required	
Virginiamycin	Peru	Chicken	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru				No Codex MRLs	Australia; USA: broiler chickens - not required	
Virginiamycin	Guatemala	None specified				Phibro, Alpharma		No Codex MRLs	Australia: cattle, pig, poultry, sheep; USA: swine	Need to better define species and tissues
Virginiamycin	Peru	Pig	Muscle, Liver, Fat/Skin, Kidney	Registered in Peru				No Codex MRLs	Australia; USA	