

COMISIÓN DEL CODEX ALIMENTARIUS S



Organización de las Naciones
Unidas para la Alimentación
y la Agricultura



Organización
Mundial de la Salud

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Tema 8c del programa

CX/RVDF 15/22/10

Marzo de 2015

**PROGRAMA CONJUNTO FAO/OMS SOBRE NORMAS ALIMENTARIAS
COMITÉ DEL CODEX SOBRE RESIDUOS DE MEDICAMENTOS VETERINARIOS EN LOS ALIMENTOS**

Vigésimo segundo período de sesiones

San José, Costa Rica, del 27 de abril al 1 de mayo de 2015

BASE DE DATOS DE LAS NECESIDADES DE LMRS DE LOS PAÍSES

(Informe del GTe sobre las necesidades de LMRs de los países)

(Argentina, Australia, Brasil, Canadá, Chile, Costa Rica, República Dominicana, Unión Europea, Francia, India, Italia, Jamaica, Líbano, México, Nueva Zelanda, Panamá, Perú, República de Corea, Singapur, Tailandia, Estados Unidos de América, Uruguay, Asociación Latinoamericana de Avicultura, e IFAH)

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 |
| Amitraz | El Salvador | Bees | Honey | 0.16% concentration, dose 3 ml per hive | | Unknown | | No Codex MRLs | | The country has high percentages of honey production |
| 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 | 75th JECFA, 2011 | Codex MRL in Cattle, Sheep, Pig | Republic of Korea (0.05-fish) | Fish 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 |
| | | | | | | Chemical Co., Ltd.; WooGene B&G; KOPAVET Special, Inc.; Jin woo medicine; Ubtech | | | | |
| 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 | <p>Republic of Korea Dosing Resimen : 5-20 mg a.i./kg b.w. Orally(in feed) for 5 days;</p> <p>2-7 mg a.i./kg b.w. Orally(in feed) for 3-5 days;</p> <p>0.05-0.1 mg a.i./kg b.w. Orally(in feed) for 3 days;</p> <p>20-80 mg a.i./kg b.w. Orally(in feed) for 5 days</p> | | <p>Republic of Korea: WooSung Vet.; JB Solution; KOPAVET Special, Inc.; Green cross veterinary products; Korea thumb vet.; EWHA PHARMTEK; ChoongAng Biotech Co., Ltd.; Sung-Won Co., Ltd; Samyang Anipharm Co., Ltd.; HANDONG Co., Ltd.; Komi pharm international Co., Ltd; Samu Median Co., Ltd; WooGene B&G; Daehan New Pharm Coperation; Dongbu Farm Hanong; ELT Science; Jin woo medicine; Chamshin</p> | | 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 |
| | | | | | | 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, turkey, quail, pheasant, quail | Need to better define species and tissues |
| 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 |

| 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 |
| | | | | | | | | | | 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). |
| Bacitracin | Chile, Costa Rica, Democratic People's Republic of Korea, Peru, Philippines | Pig | Muscle, Fat, Liver, Kidney | Registered in Chile, Dose regime in Chile Oral Dosage: - Broiler chickens, replacement pullets: Bacitracin 13 mg base / kg PV for 5 to 7 days - Turkeys: Bacitracin 31 mg base / kg P.V. for 5 to 7 days. - Pigs: 41 mg of bacitracin base / kg P.V. for 5 to 7 days; 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 | United States Chickens, Turkeys and Pork (edible tissue and eggs) 0.5 ppm Canada Chickens, Turkeys and Pork (liver, kidney, skin + fat, muscle) 0.5 ppm | Alpharma US, 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). This compound has not been re-evaluated by the Program for the risk assessment of veterinary drug residues in food of animal origin that began in 1987 (32th session). |
| Bacitracin | Chile, Democratic People's Republic of Korea | Poultry | Muscle, Fat, Liver, Kidney, Eggs | Registered in Chile, Dose regime in Chile Oral Dosage: - Broiler chickens, replacement pullets: Bacitracin 13 mg base / kg PV for 5 to 7 days | United States Chickens, Turkeys and Pork (edible tissue and eggs) 0.5 ppm Canada | Alpharma US, 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 |

| 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 |
| | | | | - Turkeys: Bacitracin 31 mg base / kg P.V. for 5 to 7 days. - Pigs: 41 mg of bacitracin base / kg P.V. for 5 to 7 days; Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days | Chickens, Turkeys and Pork (liver, kidney, skin + fat, muscle) 0.5 ppm | | | | | 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). This compound has not been re-evaluated by the Program for the risk assessment of veterinary drug residues in food of animal origin that began in 1987 (32th session). |
| Bacitracin | Armenia, Democratic People's Republic of Korea | Rabbit | | Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days | 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 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, Dose regime in Chile Oral Dosage: - Broiler chickens, replacement pullets: Bacitracin 13 mg base / kg PV for 5 to 7 days - Turkeys: Bacitracin 31 mg base / kg P.V. for 5 to 7 days. - Pigs: 41 mg of bacitracin base / kg P.V. for 5 to 7 days; Democratic People's Republic of Korea Dosing Regimen: Oral, 20 - 50 mg.kg in feed for 10 - 50 days | United States Chickens, Turkeys and Pork (edible tissue and eggs) 0.5 ppm Canada Chickens, Turkeys and Pork (liver, kidney, skin + fat, muscle) 0.5 ppm | Alpharma US, 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). This compound has not been re-evaluated by the Program for the risk assessment of veterinary drug residues in food of animal origin that began in 1987 (32th session). |

| 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 |
| 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 | El Salvador | Cattle | Muscle, Fat, Kidney, Liver | Concentration: 50 mg/ml; 56 mg/ml Dose: 1 ml/90 kg p.v. (cattle and pig) | | Unknown | | No Codex MRLs | | |
| Boldenone | El Salvador | Pig | Muscle, Fat, Kidney, Liver | Concentration: 50 mg/ml; 56 mg/ml Dose: 1 ml/90 kg p.v. (cattle and pig) | | Unknown | | No Codex MRLs | | |
| Boldenone | El Salvador | Sheep | Muscle, Fat, Kidney, Liver | Concentration: 50 mg/ml; 56 mg/ml Dose: 1 ml/90 kg p.v. (cattle and pig) | | Unknown | | No Codex MRLs | | |
| Boldenone Undecylenate | Guatemala | None specified | | | | Wyeth | | No Codex MRLs | | Need to better define species and tissues |
| Cefoperazone | Costa Rica | Cattle | Milk | 25 mg/mL, intramammary | | Pfizer (Italy) | | No Codex MRLs | EU: cattle | |
| Cefotaxime | Egypt | Chicken | Meat fat/ skin Liver Kidney Eggs | 5 mg/kg bw/day orally | | Pfizer | | No Codex MRLs | | |
| Cefacetrile | 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 | |
| Cefalonium | Armenia | Cattle | Muscle, Liver, Kidney, Milk | | MRLs (ppb) in Armenia: Milk 20 | Unknown | | No Codex MRLs | Armenia: milk | |

| 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 |
| Cefazoline | Armenia | Cattle | Muscle, Liver, Kidney, Milk | | MRLs (ppb) in Armenia: Milk 50 | Unknown | | No Codex MRLs | Armenia: milk | |
| Cefazoline | Armenia | Goat | Muscle, Liver, Kidney, Milk | | MRLs (ppb) in Armenia: Milk 50 | Unknown | | No Codex MRLs | Armenia: milk | |
| Cefazoline | 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 |
| Chlortetracycline | El Salvador | Poultry | Fat | 100 mg/kg Oral, 200-800 ppm | | Unknown | 50th JECFA, 1998; Full ADI | Codex MRLs in poultry muscle, kidney, eggs, liver | | |
| Chlortetracycline | El Salvador | Pig | Fat | 101 mg/kg Oral, 200-800 ppm | | Unknown | 51st JECFA, 1998; Full ADI | Codex MRLs in pig muscle, kidney, liver | | |
| Cloprostenol | El Salvador | Cattle | Muscle, Fat, Kidney, Liver | Concentration: 0.075 mg / ml. Dose 2-5 ml for 10-15 days. Parenterally | | Unknown | | No Codex MRLs | | |
| Cloprostenol | El Salvador | Pig | Muscle, Fat, Kidney, Liver | Concentration: 0.075 mg / ml. Dose 2-5 ml for 10-15 days. Parenterally | | Unknown | | No Codex MRLs | | |
| 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 |

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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 |
| 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, Milk 30 | 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 |
| Dimetridazole | Guatemala | None specified | | | | Unknown | 34th JECFA, 1989; No ADI - reevaluated by a 2014 electronic working group | No Codex MRLs | | The 21st 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 22nd CCRVDF. |
| Dipirona (metamizole) | El Salvador | Cattle | Muscle, Fat, Kidney, Liver | Concentration 50 g / 100 ml Dose | | Unknown | | No Codex MRLs | | |
| Dipirona (metamizole) | El Salvador | Goat | Muscle, Fat, Kidney, Liver | Concentration 50 g / 100 ml Dose | | Unknown | | No Codex MRLs | | |
| Dipirona (metamizole) | El Salvador | Sheep | Muscle, Fat, Kidney, Liver | Concentration 50 g / 100 ml Dose | | Unknown | | No Codex MRLs | | |
| Dipirona (metamizole) | El Salvador | Pig | Muscle, Fat, Kidney, Liver | Concentration 50 g / 100 ml Dose | | Unknown | | No Codex MRLs | | |
| Doxycycline | Armenia, El Salvador | Cattle | Muscle, Fat, Kidney, Liver | El Salvador: Concentrations: 100 mg/g; 100 mg/ml; 10 g/100 ml; 50 g/100 g. Doses: 1 g/50 kg, in poultry 20-40 g/200 L of water every 24 hours for 4-6 days | MRLs (ppb) in Armenia: Muscle (100), Liver (300) | Unknown | | No Codex MRLs | Armenia; EU | |
| 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 | El Salvador | Poultry | Muscle, Liver, Kidney, Fat | El Salvador: Concentrations: 100 mg/g; 100 mg/ml; 10 g/100 ml; 50 g/100 g. Doses: 1 g/50 kg, in poultry 20-40 g/200 L of water every 24 | | Unknown | | 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 |
| | | | | hours for 4-6 days | | | | | | |
| Doxycycline | El Salvador | Goat | Muscle, Liver, Kidney, Fat | El Salvador: Concentrations: 100 mg/g; 100 mg/ml; 10 g/100 ml; 50 g/100 g. Doses: 1 g/50 kg, in poultry 20-40 g/200 L of water every 24 hours for 4-6 days | | Unknown | | No Codex MRLs | | |
| Doxycycline | El Salvador | Sheep | Muscle, Liver, Kidney, Fat | El Salvador: Concentrations: 100 mg/g; 100 mg/ml; 10 g/100 ml; 50 g/100 g. Doses: 1 g/50 kg, in poultry 20-40 g/200 L of water every 24 hours for 4-6 days | | Unknown | | No Codex MRLs | | |
| Doxycycline | Armenia, El Salvador, Philippines | Pig | Muscle, Liver, Kidney, Fat | El Salvador: Concentrations: 100 mg/g; 100 mg/ml; 10 g/100 ml; 50 g/100 g. Doses: 1 g/50 kg, in poultry 20-40 g/200 L of water every 24 hours for 4-6 days 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, Salmonids | Muscle and Skin, in natural proportion | Registered in Chile for salmonids, Dose regimen in Chile Dose: 50 mg (PA) /kg./dia x 7 days Withdrawal Period: 0 degree days | European U. (EMA): ADI of 1 ug / kg P.V. / day or 60 mg / person / day European U. (EMA): 100 mg / kg Japan: 100 ug / kg | MSD (formerly Schering Plough), among others | 75th Meeting of JECFA 100(mg / kg) | No Codex MRLs | Canada: salmonids; EU; Japan | |
| Enrofloxacin | Belize, Peru | Aquaculture | Muscle | Registered in Belize; Registered in Peru | | Various (Bayer, Laboratorios 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; Various (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." |
| 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." |

| 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 | Peru | Shrimp (Litopenaeus vannamei) | | Registered in Peru Enroblend dose: 4 kg/1 ton food | | Avimex SA | | No Codex MRLs | EU: All food producing species | |
| 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 | Argentina, Costa Rica | Cattle | All tissues; Muscle, fat, liver, kidney, milk | Argentina: 6-16 ppm oral Costa Rica: 100 ppm oral | | Intervet International GmbH, Intervet S.A. | | No Codex MRLs | Australia, Japan | |
| Flavophospholipol | Argentina, Costa Rica, Philippines | Chicken | All tissues; Muscle, Liver, Kidney, Fat/skin, Egg | Argentina: 20 ppm oral Costa Rica: 100 ppm oral Philippines: 4ppm, Oral; 2.6-5ppm, Oral | | Intervet S.A., Intervet International GmbH; APF Corporation; Inphilco, Inc.; RNSV Corporation | | No Codex MRLs | Japan | |
| Flavophospholipol | Argentina, Costa Rica, Philippines | Pig | All tissues; Muscle, Liver, Kidney, Fat/skin | Argentina: 20 ppm oral; Costa Rica: 100 ppm oral; Philippines: 5ppm, Oral; | | Intervet S.A., Intervet International GmbH; APF | | No Codex MRLs | Japan | |

| 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 |
| | | | | 5-10ppm, Oral; 10-20ppm, Oral | | Corporation; Inphilco, Inc.; RNSV Corporation | | | | |
| Flavophospholipol | 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 | |
| Florfenicol | Peru, Republic of Korea | Fish | Muscle | Registered in Peru; Republic of Korea Dosing Regimen: 10 mg/kg b.w. Orally(in feed) for 5 days; 1 mg/kg b.w. Orally(in feed) for 5 days; 10 a.i. mg/kg b.w. i.m. injection (Bastard halibut) Registered for use in salmon, yellowtail, eel, cherry salmon, Ayu sweetfish. Withdrawal times: 5 day for oral product in yellowtail, 7 | | Peru: Schering Republic of Korea: RNL Bio Co., Ltd; JB Solution; Daesung Microbiological Labs Co., Ltd.; Samu Median Co., Ltd; Sung- Won Co., Ltd; Chamshin pharma Co., Ltd; KBNP, INC.; Green cross veterinary products; | | No Codex MRLs | Australia; Canada: salmonids; EU: finfish; USA: catfish, salmonids; Republic of Korea (0.2-fish) | Republic of Korea trade names: MEGAFEN · FISH solution, DANAPEN-C, Aqua Florfen, Aquaflor, Ultra floro, etc. |

| 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 |
| | | | | 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 | | Dongbu Farm Hanong; Seoul vet pharma; Eaglevet; Daehan New Pharm Cooperation; 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&G; Daone Chemical; NEL biotech. Ltd; Ubtech; HANDONG Co., Ltd. USA: Intervet, Inc. | | | | |
| 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 | 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 | |

| 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 |
| | | | | | Veterinary Medicine Authority-Muscle (0.5mg/kg), Skin+Fat (1mg/kg), Liver (3mg/kg) and Kidney (1mg/kg) | | | | | |
| 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 | |
| Florfenicol | Peru | Sheep | Muscle, Liver, Fat/Skin, Kidney | Registered in Peru | | Schering | | No Codex MRLs | EU | |
| Florfenicol | Peru | Shrimp (Litopenaeus vannamei) | | Registered in Peru Florbend dose: 4-5 kg/1 ton food | | Avimex SA | | No Codex MRLs | | |
| 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 | Salmonids | Muscle and Skin, in natural proportion | Registered in Chile, Dose regimen in Chile. Dose: 10 to 30 mg / kg / day x 10 days Withdrawal Period: 300 degree day | European U. (EMA): ADI of 8.25 mg / kg BW / day or 495 mg / person / day European U. (EMA): 600 mg / kg Japan: 500 ug / kg | | 66th JECFA, 2006; Full ADI | Codex MRLs in cattle, pig, sheep, chicken, and trout | EU, Japan | Codex MRLs in trout, additional residue data may be required to cover all finfish |

| 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 |
| 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) | El Salvador Guatemala | Bees | Honey | El Salvador: 3.6 mg/plate | | Unknown | | No Codex MRLs | EU: not required | |
| Flunixin meglumine | Costa Rica, El Salvador | Cattle | Muscle, Fat, Kidney, Liver, Milk | Costa Rica: 83 mg/mL parenteral El Salvador: Concentration 50 mg / ml dose. 0.44 ml / kg 100 P.V. every 24 h maximum 5 days | | Schering Plough, Calox Venezuela | | No Codex MRLs | Australia; Canada; EU; USA | |
| Flunixin meglumine | Costa Rica, El Salvador | Pig | Muscle, Fat, Kidney, Liver | Costa Rica: 83 mg/mL parenteral El Salvador: Concentration 50 mg / ml dose. 0.44 ml / kg 100 P.V. every 24 h maximum 5 days | | Schering Plough, Calox Venezuela | | No Codex MRLs | Canada; EU; USA | |
| Flunixin meglumine | El Salvador | Sheep | Muscle, Fat, Kidney, Liver | Concentration 50 mg / ml dose. 0.44 ml / kg 100 P.V. every 24 h maximum 5 days | | Unknown | | | | |
| Flunixin meglumine | El Salvador | Goat | Muscle, Fat, Kidney, Liver | Concentration 50 mg / ml dose. 0.44 ml / kg 100 P.V. every 24 h maximum 5 days | | Unknown | | | | |
| Formic Acid | Guatemala | Bees | Honey | | | Unknown | | No Codex MRLs | EU: all food producing species - not required | |

| 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 |
| Fosfomicina | Costa Rica | Chicken | All tissues | 300 - 500 ppm, oral | | Bedson de Centroamerica | | No Codex MRLs | | Need more specific tissue information |
| Fosfomicina | Chile | Poultry | Skin and Fat, Muscle, Liver, Kidney | Registered in Chile Dose in broiler chickens: Oral fosfomicin calcium 40 mg / kg BW / day for 3 to 5 days Withholding period: Meat: 7 days | Toxicological Intake: 175 mg / kg P.V. / day Microbiological ADI: 0.019 mg / kg P.V. / day (Food Safety Commission of Japan, 2010) | Bedson S.A. | | 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 |
| Halquinol | El Salvador | Poultry | Muscle, Liver, Kidney | 30-60 ppm Oral | | Unknown | | No Codex MRLs | | |
| Halquinol | El Salvador | Pig | Muscle, Liver, Kidney | 30-60 ppm Oral | | Unknown | | No Codex MRLs | | |
| 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 | 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 | Proposed draft MRL at Step 3 |

| 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 |
| | | | | cattle; 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% Ivermectin, product label available | 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 |
| 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 mammalia n 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 |
| | | | | | | | | | USA: cattle, swine, sheep, reindeer, American bison | |
| 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% Ivermectin, and 3 registered 3.5% Ivermectin, product label available | 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. |
| 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." |
| Ketoprofen | El Salvador | Cattle | Muscle, Fat, Kidney, Liver | Concentration of 100 mg / ml dose: 1 ml / 30 kg bw every 24 h for 3-5 days | | Unknown | | No Codex MRLs | | |
| Ketoprofen | El Salvador | Pig | Muscle, Fat, Kidney, Liver | Concentration of 100 mg / ml dose: 1 ml / 30 kg bw every 24 h for 3-5 days | | Unknown | | No Codex MRLs | | |
| Kitasamycin | Costa Rica | Chicken | All tissues | 110 - 330 ppm oral | | Anupco, Inglaterra | | 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 |
| 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 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; Australia; EU | Need more specific tissue 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 |
| Lufenuron | Chile | Salmonids | Muscle/skin, in natural proportions | Chile to start registration Proposed dose: 5 mg/kg/day x 7 days in food | EU (EMA): ADI of 0.015 mg/kg P.V./day or 0.9 mg/person/day EU (EMA): | Novartis Animal Health | None | 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 |
| | | | | | Salmonids: 1350 ug/kg | | | | | |
| Marbofloxacin | Armenia | Cattle | | | MRLs in Armenia: Muscle (150), Fat (50), Liver (150), 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 (150), 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 (150), 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.; Transcend Phils., Inc.; Masstock Laboratories | | No Codex MRLs | | Need more specific tissue information |
| 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 |

| 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 |
| Metronidazole | Egypt | Chicken | Meat fat/ skin Liver Kidney Eggs | 2mg/kg bw/day orally, Used together with colistin | | Marcyrl | 34th JECFA, 1989; No ADI; Reevaluated by a 2014 electronic working group | 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; USA: 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 |
| Nandrolone | Guatemala | None specified | | | | Unknown | | No Codex MRLs | | Need to better define species and tissues |
| Nitarsone | Algeria | Turkey | Muscle | Dosage (blend mode): 189.5 ppm. This rate is obtained by mixing 340.5g histostat of 50 in a total rotation of 909 kg | | Alpharma BVBA | | | | |
| Nitroimidazole s | 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. |

| 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 |
| Norfloxacin | Belize | Aquaculture | Muscle | Registered in Belize | | Various (Bayer, Laboratorios California, Colombia) Anupco UK | | No Codex MRLs | | |
| Norfloxacin | 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; Australia; Canada; EU; USA | Need more specific tissue information 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, Milk | | MRLs (ppb) in Armenia: Muscle 300, Fat 300, Liver 300, Kidney 300, Milk 30 | Unknown | | No Codex MRLs | Armenia; EU: all food producing species | Need to better define species |
| Oxalic Acid | Guatemala | Bees | Honey | | | Unknown | | No Codex MRLs | EU: not required | |
| Oxolinic Acid | Chile, Republic of Korea | Finfish, Salmonids | Muscle and Skin | Registered in Chile, Dose regimen in Chile Dose: 10 to 30 mg / kg / day x 10 days Withdrawal period: 450 degree day Republic of Korea Dosing Resimen: 5-10 | European U. (EMA): ADI of 2.5 mg / kg P.V. / day or 150 mg / person / day European U. (EMA): 100 mg / kg | Republic of Korea: Samyang Anipharm Co., Ltd.; Sung-Won Co., Ltd; Dongbu Farm Hanong; | 43rd JECFA, 1994; No ADI | No Codex MRLs | EU; Republic of Korea (0.1-cherry salmon, salmon, Yellowtail, | Summary of 43rd JECFA: "In view of the major deficiencies in the reporting and protocols of the toxicological studies available for evaluation, and as a clear NOEL in the arthropathy study in dogs could not be identified, the Committee was unable 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 |
| | | | | 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 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); | Japan: 50 mg / kg | 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 | | | eel, Ayu sweetfish, carp); Japan | 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 |
| | | | | 5-10 a.i. mg/kg b.w. Orally(in feed) for 5-7 days (salmon, Aeromonas salmonicida); 5-20 a.i. mg/kg 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 species; USA: beef cattle, dairy cattle, | 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 |
| | | | | | | | | | calves, swine, sheep, chicken, turkey, finfish, lobster | |
| Oxytetracycline | Argentina, El Salvador, Republic of Korea | Bees | Honey | Registered in Argentina in cattle, sheep, goats, pigs, bees, fur bearing animals, and aquaculture Republic of Korea Dosing Regimen : 0.03 g a.i./comb (3 combs-0.09 g, 5 combs-0.15g, 8 combs-0.24g) El Salvador: Concentration: 1.200 mg / 100 g; Dose: 100 g for 12 hives or 8 grams per hive for 10 days, once a month. | | Argentina: Unknown El Salvador: 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 |
| Oxytetracycline | Peru | Goat | Muscle | 1.0-2.0 ml/10 kg. P.v. | National Residue Program and contaminants in food | Vetipharm Lab | | Codex MRLs in cattle, pig, sheep, poultry, fish, and giant prawn | Australia; EU: all food producing species | |
| 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 | |

| 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 |
| Oxytocin | Costa Rica | Pig | Tissues | 10 IU/mL, parenteral | | Boehringer Ingelheim, Wyeth, Teva, United Vaccines, Cross Vetpharm, Intervet, Holanda, Apropharma | | No Codex MRLs | EU: not required | Need more specific tissue information |
| 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 | |
| Phenoxymethylpenicillin | 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 | |
| Phenoxymethylpenicillin | 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 | |
| Phenoxymethylpenicillin | 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 | |
| Phenoxymethylpenicillin | 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 | |
| Phosphomycin | Argentina | Aquaculture | Muscle Skin and fat Liver Kidney Milk | Dose in poultry and pigs: 10 mg/Kg Pv to 40 mg /Kg Pv, Registered in Argentina in poultry and pigs, but not cattle | ADI Japan: 0.019 mg/Kg Pv/day | Bedson S.A. | | No Codex MRLs | Japan | |

| 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 |
| | | | Eggs | and aquaculture | | | | | | |
| 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 | | |
| Phosphomycin | Peru | Shrimp (Litopenaeus vannamei) | | Registered in Peru for use in shrimp (Magna mix-aqua) dose: 4-5 kg/1 ton food | ADI Japan: 0.019 mg/Kg Pv/day | AVI-MEX S.A. | | No Codex MRLs | | |
| Piperazine | Democratic People's Republic of Korea | Pig | | Oral, 0.4 g/kg BW/day | | Fleming Labs | | No Codex MRLs | EU; USA | Need more specific tissue information |
| 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 |

| 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 |
| 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 | | |
| 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 | |

| 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 |
| 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 |
| Sulfadiazine | El Salvador | Cattle | Muscle, Fat, Kidney, Liver | Concentration: 400 mg / ml. Dose: 3 ml / 100 kg P.V. for 5 days | | Unknown | | No Codex MRLs | | |
| Sulfadiazine | El Salvador | Sheep | Muscle, Fat, Kidney, Liver | Concentration: 400 mg / ml. Dose: 3 ml / 100 kg P.V. for 5 days | | Unknown | | No Codex MRLs | | |
| Sulfadiazine | El Salvador | Pig | Muscle, Fat, Kidney, Liver | Concentration: 400 mg / ml. Dose: 3 ml / 100 kg P.V. for 5 days | | Unknown | | No Codex MRLs | | |
| 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 partridges | 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 |
| 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 pyridazine | 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 |
| 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 |

| 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 | 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 | | |
| Tildipirosin | El Salvador | Pig | Muscle, Fat, Kidney, Liver | Concentration 40 mg / ml; rate 1 ml / 10 kg P.V. intramuscular | | 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 Milk | 2 mg/kg bw/day i.m/i.v | | | | No Codex MRLs | EU | Egg 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 |
| 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 | Peru | Cattle | Milk | 1 ml/30 kg p.v. | National Residue Program and contaminants in food | Agrovet Market | 70th JECFA, 2008; Full ADI | Codex MRLs in cattle kidney, liver, muscle, fat/skin | | |
| 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 FRANVET | | No Codex MRLs | Australia: mammals, poultry; Canada: salmonids; EU: horse, all other food producing species | 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 |
| 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, Alpha | | 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 | |
| Zeranol | El Salvador | Cattle | Fat, Kidney | Concentration 12mg / subcutaneous implant | | Unknown | 32nd JECFA, 1987; Full ADI | Codex MRLs in cattle muscle and liver | | |