

CATTLE ANTIBIOTICS

G- = gram-negative G+ = gram-positive

Last updated May 2, 2025

Product Name	Material Number	Main Ingredient	Product Type	Pasteurella multocida	Histophilus somni	Moraxella bovis	Fusobacterium necrophorum	Escherichia coli	Actinobacillus lignieresii	Leptospira pomona	Arcanobacterium pyogenes	Mannheimia haemolytica	Porphyromonas lewii	Mycoplasma bovis	Salmonella typhimurium	Coccidiostats	Actinobacillus pleuropneumoniae	Klebsiella	Bacteroides melaninogenicus	Anaplasma marginale	Staphylococcus spp.	Streptococcus spp.		Ingredient(s) Strength	Route of Administration	Withdrawal Time	Withdrawal Notes	
ASPEN																												
Baytracilin G (Rx) 250 mL, 500 mL	21312710, 21312711	penicillin G procaine	injectable	X																					Each mL is designed to provide 300,000 units of penicillin G as procaine in a stable suspension	I.M.	Meat: 14 days, Milk: 48 hrs	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Quellaxcin 100 100 mL, 250 mL, 500 mL	21289984, 21389987, 21289988	enrofloxacin	injectable	X	X							X		X											100 mg per mL of enrofloxacin	S.C.	Meat: 28 days	Do not use in female dairy cattle 20 months of age or older.
Sulfamed Inj. 40% (Rx) 250 mL	21312708	sulfadimethoxine	injectable	X			X																		Each mL contains 400 mg sulfadimethoxine	I.V.	Meat: 5 days, Milk: 60 hrs	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Terra-Vet 200 Inj. (Rx) 100 mL, 250 mL, 500 mL, 500 mL (AL)	21312680, 21312682, 21312694, 21312695	oxytetracycline	injectable				X	X	X	X				X											Each mL contains 200 mg of oxytetracycline base as oxytetracycline dihydrate	I.M., I.V., S.C.	Meat: 28 days, Milk: 96 hrs	
Tetracycline SP 324 Powder (RX) 5lb pail, 25lb pail	17170211, 15112311	tetracycline hydrochloride	water soluble	X				X									X	X							Each pound contains 324 g of tetracycline hydrochloride	drinking water	Meat: 5 days	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
BIMEDA																												
AmproMed for Calves gallon	18104344	amprolimum	oral														X								9.6% amprolimum	Oral	Meat: 24 hours	Do not use in calves to be processed for veal.
BiloVet Inj. (Rx) 250 mL, 500 mL	21312812, 21312145	tylosin	injectable	X			X				X							X							200 mg per mL of tylosin	I.M.	Meat: 21 days	This product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Macrosyn Inj. (Rx) 100 mL, 250 mL, 500 mL	21304060, 21304062, 21304063	tulathromycin	injectable	X	X	X	X					X	X	X											100 mg of tulathromycin/mL	S.C.	Meat: 18 days	This product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows.
NeoMed 325 (Rx) 100 g pouch	11568748	neomycin sulfate	water soluble					X																	50 g neomycin	Oral	Meat: 24 hours	Do not use in calves to be processed for veal.
NeoMed 325 (Rx) 200 g pouch	13536887	neomycin sulfate	water soluble					X																	100 g neomycin	Oral	Meat: 24 hours	Do not use in calves to be processed for veal.
NeoMed 325 (Rx) 50 lb pail	16511294	neomycin sulfate	water soluble					X																	325 g neomycin	Oral	Meat: 24 hours	Do not use in calves to be processed for veal.
SMZ-Med 454 (Rx) 453.5 g pouch	11681051	sodium sulfamethazine	water soluble	X			X	X				X											X		453.5 g sodium sulfamethazine	Oral	Meat: 10 days	Do not use in calves to be processed for veal. Do not use in female dairy cattle 20 months of age or older.
SpectroGard Sterile Solution (Rx) 500 mL	21313293	spectinomycin	injectable	X	X							X													100 mg per mL of spectinomycin	S.C.	Meat: 11 days	Do not use in calves to be processed for veal. Do not use in female dairy cattle 20 months of age or older.
Sulfamed Inj. 40% 250 mL	21313740	sulfadimethoxine	injectable	X			X					X													Each mL contains 400 mg sulfadimethoxine	I.V.	Meat: 5 days, Milk: 60 hrs	Do not use in calves to be processed for veal. Do not use in female dairy cattle 20 months of age or older.
Sustain III Calf Bolus 8.02 g (Rx) 25 count, 50 count	21312863, 21312864	sulfamethazine	bolus	X	X		X					X													8.02 grams of sulfamethazine	Oral	12 days	Not for use in female dairy cattle 20 months of age or older.
Sustain III Cattle Bolus 32.1 g (Rx) 10 count, 50 count, 100 count	21312866, 21312845, 21312865	sulfamethazine	bolus	X	X		X					X													32.1 grams of sulfamethazine	Oral	12 days	Not for use in female dairy cattle 20 months of age or older.
TetraMed 324 HCA (Rx) 907.2 g pail (2 lb), 1134 g pouch (2.5 lb), 2.27 kg pail (5 lb), 11.34 kg pail (25 lb)	15440554, 14416022, 15440554, 18055789	tetracycline hydrochloride	water soluble	X				X				X					X								324 g tetracycline hydrochloride per pound	Oral	Meat: 5 days	Do not use in calves to be processed for veal.
Tetroxy 343 (Rx) 5 lb pail	21257032	oxytetracycline hydrochloride	water soluble	X				X																	343 g oxytetracycline HCl per pound	Oral	Meat: 5 days	Do not use in female dairy cattle 20 months of age or older.

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BOEHRINGER INGELHEIM																							
Bio-Mycin 200 Inj. (Rx) 100 mL, 250 mL, 500 mL	21312823, 21312824, 21312825	oxytetracycline	injectable	X	X	X	X	X	X											Each mL contains 200 mg of oxytetracycline	I.M., I.V., S.C	Meat: 28 days, Milk: 96 hrs	
Polyflex Inj. (Rx) 250 mL	21303696	ampicillin	injectable	X			X			X					X					Each 25 g vial contains: 25 g ampicillin activity as ampicillin trihydrate	I.M.	Meat: 6 days, Milk: 48 hrs	
Zactran Inj. (Rx) 100 mL, 250 mL, 500 mL	14176958, 15287069, 13065847	gamithromycin	injectable	X	X						X		X							Each mL contains 150 mg of gamithromycin as the free base	S.C.	35 days	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Do not use in female dairy cattle 20 months of age or older.
ELANCO																							
Baytril 100 Inj. (Rx) 100 mL, 250 mL, 500 mL	18774144, 14988512, 21243852	enrofloxacin	injectable	X	X						X		X							Each mL contains 100 mg of enrofloxacin	S.C.	Meat: 28 days	This product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Increxa (Rx) 100 mL, 250 mL, 500 mL	21304231, 21304232, 21304233	tulathromycin	injectable	X	X	X	X				X	X	X							Each mL of Increxa contains 100 mg of tulathromycin	S.C.	Meat: 18 days	This product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows.
Increxa 25 (Rx) 100 mL, 250 mL	21312962, 21312963	tulathromycin	injectable	X	X						X	X								Each mL contains 25 mg of tulathromycin	S.C.	Meat: 5 days	For use in suckling calves, dairy calves, veal calves and swine. Not for use in ruminating cattle.
Micotil 300 Inj. (Rx) 250 mL	21310748	tilmicosin	injectable	X	X						X									300 mg tilimicosin per mL	S.C.	Meat: 42 days	Not for use in female dairy cattle 20 months of age or older.
Pradalex Inj. 200 mg/mL (Rx) 100 mL, 250 mL	21317974, 21317975	pradofloxacin	injectable	X	X						X		X							Each mL of Pradalex contains 227 mg pradofloxacin trihydrate; equivalent to 200 mg of pradofloxacin. Excipients are citric acid (antioxidant) 1 mg, gluconolactone (for pH adjustment) 77 mg, and water for injection q.s.	S.C.	Meat: 4 days	Not for use in female dairy cattle 1 year of age and older, including dry dairy cows; use in these cattle may cause drug residues in milk and/or in calves born to these cows. Not for use in beef calves less than 2 months of age, dairy calves, and veal calves; a withdrawal period has not been established for this product in pre-ruminating calves.
Tylan 50 Injectable (Rx) 100 mL	21313205	tylosin	injectable	X		X				X										50 mg tylosin per mL	I.M.	Meat: 21 days	This product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Tylan 200 Injectable (Rx) 250 mL, 500 mL	21313206, 21313207	tylosin	injectable	X						X										Each mL contains 200 mg of tylosin activity (as tylosin base)	I.M.	Meat: 21 days	This product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
HUVEPHARMA																							
Corid 9.6% Oral Solution 16 oz, 1 gallon	18031468, 18519427	amprolium	oral											X						9.6% amprolium	Oral	Meat: 24 hours	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Corid Powder 20% 10 oz packets	15724725	amprolium	oral											X						20% amprolium	Oral	Meat: 24 hours	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Neo-Sol 50 (Rx) 100 g, 2000 g	17152445, 18022421	neomycin sulfate	soluble powder					X												Each 100 g provides 71.5 g neomycin sulfate equivalent to 50 g neomycin	Oral	Meat: 1 day	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. A milk discard period has not been established for this product in lactating dairy cattle. Do not use in female dairy cattle 20 months of age or older. Use of more than one product containing neomycin or failure to follow withdrawal times may result in illegal drug residues.
Sulmet Soluble Powder (Rx) 1 lb packet	15252994	sodium sulfamethazine	soluble powder	X			X	X											X	Each 1 lb packet contains 100% sodium sulfamethazine	Oral	Meat: 10 days	For animal use only. Do not treat cattle within 10 days of slaughter. Exceeding 5 consecutive days of treatment may cause violative tissue residue to remain beyond the withdrawal time. Do not use in calves under one month of age or calves being fed an all-milk diet. Use in these calves may cause violative residues beyond the withdrawal time. Do not use in female dairy cattle 20 months of age or older. Use of sulfamethazine in this class of cattle may cause milk residues. Prepare fresh solutions daily. Excessive dosage may cause toxic reactions. Treatment should continue 24 to 48 hours beyond the remission of disease symptoms, but not to exceed 5 consecutive days in cattle or swine. To report adverse effects, access medical information, or obtain additional product information, call 1-877-994-4883.
Sul-Q-Nox 31.92% 4 x gallon	21294252	sulfaquinoxaline	water soluble											X						31.92% sulfaquinoxaline	Oral	Meat: 10 days	Withdraw use of product 10 days before slaughter. Not for use in lactating dairy cattle. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Tetra-Bac 324 Soluble Powder (Rx) 5 lb	21277672	tetracycline hydrochloride	water soluble	X			X							X	X					Each pound contains 324 g of tetracycline hydrochloride	Drinking water or drench/dose syringe	Meat: 5 days	A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
Vacasan 100 mg/mL (Rx) 100 mL, 250 mL, 500 mL	21313746, 21313745, 21313744	tulathromycin	injectable	X	X		X				X	X	X							Each mL of Vacasan contains 100 mg of tulathromycin, 500 mg propylene glycol, 19.2 mg citric acid and 5 mg monothioglycerol	S.C.	Meat: 18 days	Cattle intended for human consumption must not be slaughtered within 18 days from the last treatment. This drug is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows.

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CATTLE ANTIBIOTICS (CONT.)

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Product Name	Material Number	Main Ingredient	Product Type	G-	G-	G-	G-	G-	G-	G+	G-	G-	NA	G-	NA	G-	G-	G+	G+	Ingredient(s) Strength	Route of Administration	Withdrawal Time	Withdrawal Notes
				<i>Pasteurella multocida</i>	<i>Histophilus somni</i>	<i>Moraxella bovis</i>	<i>Fusobacterium necrophorum</i>	<i>Escherichia coli</i>	<i>Actinobacillus lignieresii</i>	<i>Leptospira pomona</i>	<i>Arcanobacterium pyogenes</i>	<i>Mannheimia haemolytica</i>	<i>Porphyromonas levis</i>	<i>Mycoplasma bovis</i>	<i>Salmonella typhimurium</i>	<i>Coccidioides</i>	<i>Actinobacillus pleuropneumoniae</i>	<i>Klebsiella</i>	<i>Bacteroides melaninogenicus</i>	<i>Anaplasma marginale</i>	<i>Staphylococcus spp.</i>	<i>Streptococcus spp.</i>	
ZOETIS																							
Advocin (Rx) 100 mL, 250 mL	21248327, 21304368	danofloxacin	injectable	X								X											
Draxxin (Rx) 50 mL, 100 mL, 250 mL, 500 mL	21316269, 12689634, 15983614, 17485603	tulathromycin	injectable	X	X	X	X					X	X	X									
Draxxin KP (Rx) 50 mL, 100 mL, 250 mL, 500 mL	21306102, 21306103, 21306104, 21306105	tulathromycin & ketoprofen	injectable	X	X							X		X									
Excede (Rx) 100 mL, 250 mL	13546263, 21246793	ceftiofur crystalline free acid	injectable	X	X		X					X	X										
Excenel RTU EZ (Rx) 100 mL, 250 mL	21257784, 21257782	ceftiofur hydrochloride sterile suspension	injectable	X	X		X					X							X				
Loncor 300 (Rx)	21304506, 21304507	florfenicol	injectable	X	X		X					X							X				
Naxcel 1 g (Rx) 20 mL	11802847	ceftiofur sodium	injectable				X																
Naxcel 4 g (Rx) 80 mL	16618800	ceftiofur sodium	injectable				X																
Terramycin Scour Tablet 250 mg 24 tablets, 100 tablets	21313184, 21313185	oxytetracycline hydrochloride	tablet	X				X							X								