

Canadian  
Pari-Mutuel  
Agency



Agence  
canadienne  
du pari mutuel

# Elimination Guidelines 2016



Agriculture and  
Agri-Food Canada

Agriculture et  
Agroalimentaire Canada

Canada

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## WARNING

The information on drug excretion rates does not constitute and is not a warranty, guarantee, assurance, undertaking or anything similar that the results of the use of any of the drugs in the manner set out will be as stated. Agriculture and Agri-Food Canada is not responsible for results differing in any way from the results stated herein.

Use of information in this booklet does not relieve or lessen any trainer's responsibility for assuring that, during a horse race, a horse is free from any drug listed in the Schedule to the *Pari-Mutuel Betting Supervision Regulations* and for complying with provisions of the Regulations and provincial racing rules.

Owners, trainers or any other person in charge or having care of a race horse are strongly advised to consult their own veterinarian for advice and guidance in the use of all drugs.

The guidelines in this booklet are **SPECIFIC** to the stated products, dosages and routes of administration **and may not be consistent with foreign regulations and laboratory methods.** The use of other products such as compounded medications with the same active ingredient(s) may result in drug eliminations which are not consistent with these guidelines.

### IMPORTANT

Each pharmaceutical product approved for sale in Canada is assigned a "Drug Identification Number" (D.I.N.), which is marked on the product label.

Veterinary drugs are marked "(For) Veterinary Use Only" or "(For) Agricultural Use Only" on the product label.

**EXAMINE ALL PRODUCT LABELS CAREFULLY!**

## GENERAL NOTES

1. This booklet is provided for the information of veterinarians and horse people. This edition replaces all previous editions.
2. Amendments to the *Pari-Mutuel Betting Supervision Regulations* and the Schedule may be made at any time.
3. Detection and confirmation of any of the scheduled drugs, in an official sample, shall constitute a positive test in accordance with *Pari-Mutuel Betting Supervision Regulations*.
4. **The Elimination Booklet is in effect as of March 1, 2016.**

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## INTRODUCTION

Agriculture and Agri-Food Canada, through the Equine Drug Control Program of the Canadian Pari-Mutuel Agency (CPMA), conducts research into equine drug administration, a program designed to aid the racing industry. The research involves standardbred mares stabled at the Agriculture and Agri-Food Canada Equine Drug Evaluation Centre. Analysis is conducted by the CPMA and Official Racing Laboratories in Canada using methods employed for routine samples.

The Elimination Guidelines indicating the approximate length of time that some drugs can be detected in the blood and urine of horses, are one outcome of this research. The **approximate** nature of the data presented is stressed. Drug absorption and elimination are influenced by many factors, including the horse (age, sex, etc.), its environment (diet, training, etc.) and the drug (dosage, drug mixture, etc.). You should be aware that the dosage of the drug may vary with different preparations and manufacturers. Be sure to read the label of the product before use. Taking all factors into consideration, individual horses may have longer or shorter periods of elimination. You should consult with your veterinarian for advice and guidance in the administration of drugs to your horse.

The Elimination Guidelines are intended as information only and do not, in any way, supersede or relieve responsibility for compliance with the *Pari-Mutuel Betting Supervision Regulations* and provincial racing rules. If you are not already, you should become familiar with these rules.

Agriculture and Agri-Food Canada and the Official Racing Laboratories assume no liability for positive tests which may occur as the result of drugs administered within quantity and time frames set out in this publication.

The following page describes typical information found on each of the pages describing a particular drug.

Generic (or Common) Drug Name  
e.g. **LIDOCAINE**

Trade and Other Names

e.g. Octocaine, Lignocaine, Xylocaine, Duracaine, Lido

Type of Drug

e.g. Local Anesthetic (for definitions, see Glossary)

Route of Administration

e.g. Aeromask Inhaler (AER)	Intravenous Injection (IV)
Infiltration (INFIL)	Nebulization (NEB)
Intra-articular Injection (IA)	Oral (PO)
Intramuscular Injection (IM)	Subcutaneous Injection (SC)
Intra-synovial Injection (ISY)	Sublingual (SL)
Intratracheal (IT)	Topical (TOP)

Dosage Regimen and Elimination Guideline (EG)

No. of horses (Standardbred mares)	Trade name of product administered	Dose e.g. 500 mg (milligrams) 1 g (1 gram = 1000 mg)
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Elimination Guideline

(Sample time, after final dose, after which no drug or metabolite was detected using current methodology)

**Example: Elimination guideline = 120+ hrs: At this dosage, most horses would test positive for longer than 120 hrs after the last treatment.**

It is stressed that these Elimination Guidelines are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## GLOSSARY – TYPE OF DRUG

Androgenic Anabolic Steroid	A drug that possesses anabolic (musculature, size) and androgenic activity (masculinization, behavioural effects).
Analgesic:	A drug that relieves pain.
Anthelmintic:	An antiparasitic or worming agent.
Antibacterial:	A drug that destroys or prevents the growth of bacteria.
Anticholinergic: (anti-muscarinic)	A drug that antagonizes bronchospasm, reduces respiratory secretions and gastro-intestinal hypermotility.
Anti-congestive:	A drug that relieves nasal congestion.
Anticonvulsant:	A drug that prevents or relieves involuntary contraction of muscles.
Antidepressant:	A drug that relieves depression and has the ability to alter behaviour.
Antifibrinolytic:	A drug that inhibits the breakdown of fibrin which is important in the blood clotting mechanism.
Antihistamine:	A drug that relieves the symptoms of allergy. Many antihistaminic drugs have sedative side effects.
Antihypertensive:	A drug that acts against abnormally high blood pressure and emotional tension.
Anti-inflammatory:	A drug that relieves local swelling, redness and pain caused by an injury or infection.
Antipyretic:	A drug that reduces a fever.



## GLOSSARY – TYPE OF DRUG (cont.)

Antitussive:	A cough remedy.
Bronchodilator:	A drug that expands the diameter of the bronchial tubes, permitting easier breathing.
Counterirritant:	An agent producing mild surface irritation of skin with the object of relieving deep-seated inflammation.
Diuretic:	A drug causing increased production and excretion of urine.
Expectorant:	A drug that promotes the clearing of phlegm from chest or lungs.
Gastric Acid Secretion Inhibitor:	A drug that inhibits gastric acid secretion and aids in ulcer therapy.
General Anesthetic:	A drug producing a lack of sensation and a level of sedation required for major surgery.
Hemostatic	A drug that aids in the prevention of hemorrhage
Histamine H <sub>2</sub> Receptor Antagonist:	A drug that inhibits gastric acid secretion, aids in peptic ulcer therapy.
Keratolytic:	An agent producing sloughing of the surface layers of skin.
Local Anesthetic:	A drug producing reduced sensations (e.g. touch, pain) in a restricted area of the body.
Mucolytic:	A drug that breaks down or liquefies mucus.
NSAID:	Non-steroidal anti-inflammatory drug.

## GLOSSARY – TYPE OF DRUG (cont.)

Oxytocic:	A drug that acts to produce rhythmic contractions of the uterus.
Penetrant Carrier:	A substance that enhances the absorption of other drugs.
Respiratory Anti-allergic:	A drug that aids in control of allergic respiratory disease and cough, and reduces pulmonary hyperactivity.
Sedative:	A drug that produces a calming effect and reduces nervous excitement.
Skeletal Muscle Relaxant:	A drug that relaxes the muscles involved in locomotion.
Sympathomimetic:	A drug that mimics the actions of the sympathetic nervous system.
Synthetic Corticosteroid:	A drug producing an action similar to that of a steroid hormone of the adrenal cortex, but which is chemically distinguishable from natural hormones.
Tranquilizer:	A drug that relieves anxiety and other stress-related symptoms.
Vasodilator:	A drug that causes dilation of blood vessels.

## ACEPROMAZINE

### Trade and Other Names

Acetylpromazine, Acetazine, Atravet, Anatron, Aceprozine, Tranzine, Tranquavet

### Type of Drug

Tranquilizer

### Route of Administration

IM, IV, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Atravet	10 mg PO	single	24 h
6	Atravet	10 mg PO	once daily, 3 days	24 h
8	Atravet	50 mg PO	single	36 h
6	Atravet	10 mg IM	single	36 h
8	Atravet	25 mg IM	single	36 h
8	Atravet	25 mg IV	single	36 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## ACETAMINOPHEN

### Trade and Other Names

Paracetamol, Atasol, Tylenol, Exdol, Dolophen, Paraphen, Robigesic

### Type of Drug

Analgesic; Antipyretic

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Atasol	8 g PO	single	96 h
4	Tylenol	10 g PO	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## AMINOCAPROIC ACID

### Trade and Other Names

Amicar

### Type of Drug

Antifibrinolytic

### Route of Administration

IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Amicar	2.5 g IV	single	48 h
4	Amicar	5.0 g IV	single	48 h

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## ATROPINE

### Trade and Other Names

Atropine Sulfate

### Type of Drug

Anticholinergic

### Route of Administration

IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Atropine sulfate	15 mg IV	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

# BECLOMETHASONE

## Trade and Other Names

Qvar

## Type of Drug

Anti-inflammatory; Synthetic Corticosteroid

## Route of Administration

AER

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Qvar	4 mg AER	single	48h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## BETAMETHASONE

### Trade and Other Names

Celestone Soluspan

### Type of Drug

Anti-inflammatory; Synthetic Corticosteroid

### Route of Administration

IA

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Celestone Soluspan	18 mg IA	single	6 days

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.



# BUPIVACAINE

## Trade and Other Names

Marcaine

## Type of Drug

Local anesthetic

## Route of Administration

IM

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Marcaine	50 mg IM	single	24 h

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## BUTORPHANOL

### Trade and Other Names

Torbugesic

### Type of Drug

Analgesic; Antitussive

### Route of Administration

IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Torbugesic	5 mg IV	single	48 h
4	Torbugesic	20 mg IV	single	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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# N-BUTYLHYOSCINE

## Trade and Other Names

Buscopan

## Type of Drug

Anticholinergic

## Route of Administration

IV, Oral (PO)

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Buscopan	140 mg IV	single	24 h
4	Buscopan	140 mg PO	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## CARBAZOCHROME

### Trade and Other Names

Kentucky Red

### Type of Drug

Hemostatic

### Route of Administration

IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Kentucky Red	100 mg IV	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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Trade and Other Names

Rimadyl

Type of Drug

Analgesic/Anti-inflammatory (NSAID)

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Rimadyl	1 g PO	twice daily, 5 days	120+ h

**Note: At this dosage, most horses would test positive for longer than 120 hours after the last treatment.**

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# CHLOROPROCAINE

## Trade and Other Names

Nesacaine

## Type of Drug

Local Anesthetic

## Route of Administration

INFIL

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Nesacaine	80 mg INFIL	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## CHLORPHENIRAMINE

### Trade and Other Names

Chlortripolon, Histalon, Novopheniram, Chlorophen, Inactihist

### Type of Drug

Antihistamine

### Route of Administration

IM

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Inactihist	75 mg IM	single	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## CHLORPROMAZINE

### Trade and Other Names

Largactil, Chlorpromanyl, Chlorprom, G Promazine, Apo Chlorpromazine, Novochlorpromazine

### Type of Drug

Tranquilizer

### Route of Administration

IM

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Largactil	100 mg IM	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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Trade and Other Names

Tagamet, Peptol

Type of Drug

Histamine H<sub>2</sub> Receptor Antagonist

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Tagamet	4 g PO	twice daily, 3 days	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## CLENBUTEROL

### Trade and Other Names

Ventipulmin

### Type of Drug

Bronchodilator

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Ventipulmin	0.40 mg PO	twice daily, 5 days	7 days

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

# CLOMIPRAMINE

## Trade and Other Names

Clomicalm

## Type of Drug

Antidepressant

## Route of Administration

Oral (PO)

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Clomicalm	500 mg PO	twice daily, 4 days	120+ h

**Note: At this dosage, most horses would test positive for longer than 120 hours after the last treatment.**

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## CROMOGLYCATE

### Trade and Other Names

Cromovet, Cromolyn, Intal

### Type of Drug

Respiratory anti-allergic

### Route of Administration

NEB, AER

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Cromovet	80 mg NEB	single	24 h
2	Cromovet	80 mg NEB	once daily, 3 days	24 h
4	Intal	10 mg AER	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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# CYPROHEPTADINE

## Trade and Other Names

Periactin

## Type of Drug

Antihistamine

## Route of Administration

Oral (PO)

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Periactin	40 mg PO	once daily, 5 days	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## DANTROLENE

### Trade and Other Names

Dantrium

### Type of Drug

Skeletal Muscle Relaxant

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Dantrium	1 g PO	single	36 h
4	Dantrolene Oral suspension	1 g PO	once daily, 5 days	60 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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Trade and Other Names

Sputolysin

Type of Drug

Mucolytic; Expectorant

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Sputolysin	150 mg PO	single	72 h
4	Sputolysin	150 mg PO	twice daily, 4 days	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## DETOMIDINE

### Trade and Other Names

Dormosedan

### Type of Drug

Analgesic, sedative

### Route of Administration

IV, SL

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Dormosedan	5 mg IV	single	36 h
4	Dormosedan	20 mg IV	single	72 h
4	Dormosedan	22.8 mg SL	single	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## DEXAMETHASONE

### Trade and Other Names

Dexamethasone 5, Dexamethasone Powder

### Type of Drug

Anti-inflammatory; Synthetic Corticosteroid

### Route of Administration

IV, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Dexamethasone 5	25 mg IV	single	48 h
4	Dexamethasone Powder	10 mg PO	once daily, 5 days	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## DEXTROMETHORPHAN

### Trade and Other Names

Democineol, Sedatuss, Broncho Grippol, Tussorphan, Robidex, Balminil

### Type of Drug

Antitussive

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Dextromethorphan syrup	300 mg PO	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## DIAZEPAM

### Trade and Other Names

Valium

### Type of Drug

Tranquilizer

### Route of Administration

IM, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Valium	10 mg IM	single	120+ h
4	Apo Diazepam	30 mg PO	once daily, 5 days	120+ h

**Note: At this dosage, most horses would test positive for longer than 120 hours after the last treatment.**

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## DICLOFENAC

### Trade and Other Names

Voltaren; Diclofenac Sodium Gel

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO), TOP (as leg rub)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Voltaren	500 mg PO	single	36 h
4	Diclofenac Sodium gel	180 mg TOP	twice daily, 5 days	120 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Dolobid

Type of Drug

Analgesic/Anti-inflammatory (NSAID)

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Dolobid	5 g PO	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## DIMETHYLSULFOXIDE

### Trade and Other Names

DMSO, Domoso, Rimso, Kemsol

### Type of Drug

Analgesic/Anti-inflammatory (NSAID); Penetrant Carrier

### Route of Administration

TOP (as leg rub), IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Domoso Gel 90%	19.8 g TOP	single	36 h
2	Domoso Solution	19.8 g IV	single	36 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## DIPHENHYDRAMINE

### Trade and Other Names

Benadryl, Sominex, Compoz, Nytol

### Type of Drug

Antihistamine

### Route of Administration

IM, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Benadryl	250 mg IM	single	48 h
4	Benadryl	500 mg PO	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## DIPYRONE

### Trade and Other Names

Methampyrone, Novolate, Diprone, Novin, Myovin, Dipyrone 50%, Metamizol

### Type of Drug

Analgesic, Antipyretic

### Route of Administration

IM, IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Dipyrone 50%	7.5 g IM	single	36 h
4	Novolate	7.5 g IV	single	36 h
4	Dipyrone 50%	10 g IM	twice daily, 5 days	120 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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Trade and Other Names

Protophylline

Type of Drug

Bronchodilator

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Protophylline	5 g PO	single	96 h

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## ENALAPRIL

### Trade and Other Names

Enacard

### Type of Drug

Antihypertensive

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Enacard	60 mg PO	once daily, 5 days	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Antiphrine, Anti-Histamine (also contains Ppyrilamine)

Type of Drug

Sympathomimetic, anti-congestive

Route of Administration

IM, Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Antiphrine	200 mg PO	single	36 h
4	Anti-Histamine	200 mg IM	single	36 h
4	Oral Anti-Histamine	300 mg PO	twice daily, 6 days	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## ERGONOVINE

### Trade and Other Names

Ergonovine Maleate

### Type of Drug

Oxytocic

### Route of Administration

IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Ergonovine Maleate	2 mg IV	single	36 h
4	Ergonovine Maleate	4 mg IV	single	60 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## ETHACRYNIC ACID

### Trade and Other Names

Edecrin

### Type of Drug

Diuretic

### Route of Administration

IV, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Edecrin	50 mg IV	single	36 h
4	Edecrin	200 mg PO	single	48 h
4	Edecrin	400 mg PO	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## ETODOLAC

### Trade and Other Names

Ultradol

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Ultradol	2 g PO	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Pepcid, Ulcidine

Type of Drug

Histamine H<sub>2</sub> Receptor Antagonist

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Pepcid	200 mg PO	single	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## FENOTEROL

### Trade and Other Names

Berotec

### Type of Drug

Bronchodilator

### Route of Administration

AER

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Berotec	1 mg AER	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.



Trade and Other Names

Previcox

Type of Drug

Analgesic/Anti-inflammatory (NSAID)

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Previcox	57 mg PO	once daily, 5 days	14 days

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## FLOCTAFENINE

### Trade and Other Names

Idarac

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Idarac	2 g PO	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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Trade and Other Names

Banamine

Type of Drug

Analgesic/Anti-inflammatory (NSAID)

Route of Administration

IV, IM, Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Banamine	500 mg PO	single	48 h
6	Banamine	500 mg IV	single	48 h
2	Banamine	500 mg IM	single	72 h
2	Banamine	500 mg IM	once daily, 3 days	72 h
2	Banamine	500 mg IM	once daily, 5 days	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## FLUPHENAZINE

### Trade and Other Names

Modecate

### Type of Drug

Tranquilizer/Sedative

### Route of Administration

IM

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Modecate	50 mg IM	single	42 days

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Ansaid

Type of Drug

Analgesic/Anti-inflammatory (NSAID)

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Ansaid	2 g PO	single	60 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## FUROSEMIDE

### Trade and Other Names

Lasix, Salix, Lasix Special

### Type of Drug

Diuretic; Antihypertensive

### Route of Administration

IV, IM, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
12	Lasix	150 mg IV	single	24 h
2	Lasix	200 mg IV	single	24 h
12	Lasix	250 mg IV	single	24 h
4	Lasix	400 mg IV	single	24 h
2	Lasix	200 mg IV	once daily, 3 days	24 h
2	Lasix	200 mg IM	single	24 h
4	Lasix	400 mg IM	single	24 h
2	Lasix	200 mg IM	once daily, 3 days	24 h
4	Lasix Special	2 g PO	single	36 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

# GLYCOPYRROLATE

## Trade and Other Names

Robinul

## Type of Drug

Anticholinergic

## Route of Administration

IV, IM

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Robinul	2 mg IV	single	36 h
4	Robinul	2 mg IM	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## GUAIFENESIN

### Trade and Other Names

Glyceryl Guaiacolate, Guaiacol Glyceryl Ether Gecolate, Robitussin

### Type of Drug

Expectorant

### Route of Administration

IV, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Gecolate	2 g IV	single	24 h
4	Guaifenesin Syrup	2 g PO	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## HYDROCHLOROTHIAZIDE

### Trade and Other Names

Vetazide, Hydro Aquil, Hydrodiuril Urozide, Edemol

### Type of Drug

Diuretic; Antihypertensive

### Route of Administration

IV, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Vetazide	100 mg IV	single	60 h
4	Hydro Aquil	225 mg PO	single	60 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## HYDROXYZINE

### Trade and Other Names

Hydroxyzine

### Type of Drug

Antihistamine

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Hydroxyzine	500 mg PO	twice daily, 5 days	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Motrin

Type of Drug

Analgesic, Anti-inflammatory (NSAID)

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Motrin	12 g PO	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## INDAPAMIDE

### Trade and Other Names

Lozide

### Type of Drug

Diuretic, Antihypertensive

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Lozide	40 mg PO	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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# INDOMETHACIN

## Trade and Other Names

Indocid, Infrocin, Novomethacin

## Type of Drug

Analgesic/Anti-inflammatory (NSAID)

## Route of Administration

Oral (PO)

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Indocid	1 g PO	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## ISOFLUPREDONE

### Trade and Other Names

Predef 2X, 9-Fluoroprednisolone

### Type of Drug

Anti-inflammatory; Synthetic Corticosteroid

### Route of Administration

IM

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Predef 2X	24 mg IM	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Ketaset, Ketalar, Vetalar

Type of Drug

General Anesthetic

Route of Administration

IV

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Ketaset	700 mg IV	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## KETOPROFEN

### Trade and Other Names

Ketofen, Anafen

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Anafen	1.2 g IV	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.



Trade and Other Names

Zaditen

Type of Drug

Respiratory anti-allergic

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Zaditen	20 mg PO	single	36 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## LIDOCAINE

### Trade and Other Names

Lignocaine, Xylocaine, Duracaine, Lido, Octocaine, Lignospan

### Type of Drug

Local Anesthetic

### Route of Administration

INFIL, TOP

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Lidocaine Neat	150 mg INFIL	single	24 h
4	Lidocaine Neat	500 mg TOP*	single	36 h

\*Topical product also contains 18 g DMSO

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## MECLOFENAMIC ACID

### Trade and Other Names

Arquel

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Arquel	1 g PO	single	48 h
4	Arquel	1 g PO	once daily, 3 days	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## MEFENAMIC ACID

### Trade and Other Names

Ponstan

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Ponstan	2 g PO	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Metacam

Type of Drug

Analgesic/Anti-inflammatory (NSAID)

Route of Administration

IV, Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Metacam	90 mg PO	single	48 h
4	Metacam	270 mg IV	single	54 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## MEPIVACAINE

### Trade and Other Names

Carbocaine

### Type of Drug

Local Anesthetic

### Route of Administration

IA, SC

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Carbocaine	300 mg IA	single	48 h
4	Carbocaine	300 mg SC	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## METHOCARBAMOL

### Trade and Other Names

Robaxin

### Type of Drug

Skeletal Muscle Relaxant

### Route of Administration

IV, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Robaxin	5 g IV	single	24 h
4	Robaxin	5 g PO	single	24 h
4	Robaxin	3 g PO	twice daily for 4 days and once on day 5	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## METHYLPREDNISOLONE

### Trade and Other Names

Depo Medrol

### Type of Drug

Anti-inflammatory; Synthetic Corticosteroid

### Route of Administration

IA

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Veterinary Depo Medrol	100 mg IA	single	6 days
4	Veterinary Depo Medrol	200 mg IA	single	14 days

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.



## NABUMETONE

### Trade and Other Names

Relafen

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Relafen	5 g PO	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## NAPROXEN

### Trade and Other Names

Naprosyn, Equiproxen

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Naprosyn	4.5 g PO	single	96 h
4	Equiproxen	2 g PO	twice daily, 5 days	120 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Tilade, Alocril

Type of Drug

Bronchial anti-inflammatory, Respiratory anti-allergic

Route of Administration

AER

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Tilade	16 mg AER	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## OXAPROZIN

### Trade and Other Names

Daypro

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Daypro	4.8 g PO	single	120+ h

**At this dosage, most horses would test positive for longer than 120 hours after the last treatment.**

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Talwin

Type of Drug

Analgesic

Route of Administration

IM

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Talwin	300 mg IM	single	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## PENTOXIFYLLINE

### Trade and Other Names

Trental, Navicon

### Type of Drug

Vasodilator

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Trental	4 g PO	single	48 h
4	Navicon	2 g PO	twice daily, 4 days	48 h
4	Navicon	2 g PO	three times daily, 5 days	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## PHENOTHIAZINE

### Trade and Other Names

Phenothiazine

### Type of Drug

Anthelmintic

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Phenothiazine Drench Grade Powder	4.75 g PO	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in the booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## PHENYLBUTAZONE

### Trade and Other Names

Bute, Butazolidin, Dinz, Butazone, Equipalazone, Azabute, Centrebute

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

IV, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horse	Product	Dose/Route	Administration	EG
2	Phenylbutazone Injectable	2 g IV	once daily, 5 days	48 h
2	Phenylbutazone Injectable	2 g IV	single	48 h
2	Bute	3 g PO	single	96 h
2	Bute	3 g PO	once daily, 3 days	96 h
2	Phenylbutazone Injectable	3 g IV	once daily, 5 days	96 h
2	Phenylbutazone Injectable	3 g IV	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.



Trade and Other Names

Dilantin, Phenytoin Suspension

Type of Drug

Anticonvulsant, Antiarrhythmic

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Phenytoin Suspension	3 g PO	twice daily, 3 days	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## PIROXICAM

### Trade and Other Names

Feldene

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Feldene	100 mg PO	single	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## PREDNISOLONE

### Trade and Other Names

Solu Delta Cortef (prednisolone sodium succinate),  
Prednisolone Acetate

### Type of Drug

Anti-inflammatory; Synthetic Corticosteroid

### Route of Administration

Oral (PO), IV

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
8	Prednisolone Acetate	400 mg PO	twice daily, 5 days	48 h
4	Solu Delta Cortef	500 mg IV	single	48 h
4	Solu Delta Cortef	100 mg IV	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## PREDNISONE

### Trade and Other Names

Deltasone

### Type of Drug

Anti-inflammatory; Synthetic Corticosteroid

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Deltasone	1 g PO	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## PROCAINE HYDROCHLORIDE

### Trade and Other Names

Novocain

### Type of Drug

Local Anesthetic

### Route of Administration

INFIL

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Novocain	80 mg INFIL	single	48 h
4	Novocain	120 mg INFIL	single	48 h
4	Novocain	160 mg INFIL	single	48 h
4	Novocain	200 mg INFIL	single	48 h
4	Novocain	1600 mg INFIL	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

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## PENICILLIN G PROCAINE

### Trade and Other Names

Derapen A, Azimycin, Cillimycin, Penamycin, Pen-Strep Suspension, Pen Di Strep, Procillin, Ethacillin, Diathol, Pro-Pen Feedmix, Special Formula 17900

### Type of Drug

Antibiotic (contains local anesthetic component: Procaine)

### Route of Administration

IM, Oral (PO), TOP

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Derapen A	2 million IU* IM	single	425 h
4	Azimycin	4 million IU IM	single	425 h
4	Cillimycin	4 million IU IM	single	425 h
4	Penamycin	4 million IU IM	single	425 h
4	Pen-Strep Suspension	4 million IU IM	single	425 h
4	Pen Di Strep	4 million IU IM	single	425 h
4	Pen Di Strep	4 million IU IM	once daily, 5 days	425 h

\*IU= International Units (1 million IU Penicillin G Procaine  
contains 424 mg Procaine) ... continued overleaf

## PENICILLIN G PROCAINE (cont'd)

See also p. 108

#Horses	Product	Dose/Route	Administration	EG
4	Ethacillin	6 million IU IM	single	425 h
4	Diathol**	2 million IU IM	single	425 h
4	Pro-Pen Feedmix	4 million IU PO	single	60 h
4	Special Formula 17900	0.2 million IU TOP	single	48 h

\*\*Also contains 200 mg procaine hydrochloride

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## PYRILAMINE

### Trade and Other Names

Histosol, Anti-Histamine (also contains Ephedrine)

### Type of Drug

Antihistamine

### Route of Administration

IM, Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Histosol	500 mg IM	single	36 h
4	Anti- Histamine	750 mg PO	twice daily, 6 days	36 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.



Trade and Other Names

Zantac

Type of DrugHistamine H<sub>2</sub> Receptor AntagonistRoute of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Zantac	3 g PO	twice daily, 4 days	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## RESERPINE

### Trade and Other Names

Reserpine

### Type of Drug

Tranquilizer

### Route of Administration

IM

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Reserpine	2.5 mg IM	single	7 days

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Sedivet

Type of Drug

Sedative

Route of Administration

IV

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Sedivet	20 mg IV	single	36 h
4	Sedivet	50 mg IV	single	36 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## SALBUTAMOL

### Trade and Other Names

Ventolin

### Type of Drug

Bronchodilator

### Route of Administration

AER

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Ventolin	0.8 mg AER	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Serevent

Type of Drug

Bronchodilator

Route of Administration

AER

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Serevent	0.25 mg AER	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## SULINDAC

### Trade and Other Names

Clinoril

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Clinoril	1.0 g PO	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Mobiflex

Type of Drug

Analgesic/Anti-inflammatory (NSAID)

Route of Administration

Oral (PO)

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Mobiflex	200 mg PO	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## TERBUTALINE

### Trade and Other Names

Bricanyl, Brethine

### Type of Drug

Bronchodilator

### Route of Administration

Oral (PO), SC

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Brethine	1 mg SC	single	72 h
4	Bricanyl	40 mg PO	single	72 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.



# THEOPHYLLINE

## Trade and Other Names

Aminophylline: Somophyllin, Aminophyl, Corophyllin, Phyllocontin,

Theophylline: Acet-Am, Quibron, Asthmophylline, Theolair

## Type of Drug

Bronchodilator

## Route of Administration

IV

## Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Aminophylline	1.5 g IV	single	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## TIAPROFENIC ACID

### Trade and Other Names

Surgam

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Surgam	2.4 g PO	single	120 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## TRIAMCINOLONE ACETONIDE

### Trade and Other Names

Kenalog-10

### Type of Drug

Anti-inflammatory; Synthetic Corticosteroid

### Route of Administration

IA

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Kenalog-10	20 mg IA	single	6 days

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## TRICHLORMETHIAZIDE

### Trade and Other Names

Naquasone

### Type of Drug

Diuretic; Antihypertensive

### Route of Administration

Oral (PO), IV, IM

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Naquasone	100 mg PO	single	24 h
4	Naquasone	200 mg PO	single	24 h
4	Naquasone	100 mg IV	single	24 h
4	Naquasone	100 mg IM	single	36 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## TRIPLENNAMINE

### Trade and Other Names

Vetastim

### Type of Drug

Antihistamine

### Route of Administration

IM

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Vetastim	400 mg	IM single	36 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

# VEDAPROFEN

## Trade and Other Names

Quadrisol

## Type of Drug

Analgesic/Anti-inflammatory (NSAID)

## Route of Administration

Oral (PO), IV

## Dosage Regimen and Elimination Guideline (EG)

#Horse	Product	Dose/Route	Administration	EG
4	Quadrisol	1 g PO	once daily on days 1 & 5; 0.5 g twice daily on days 2-4	48 h
4	Quadrisol	1 g IV	single	48 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

Trade and Other Names

Rompun

Type of Drug

Skeletal Muscle Relaxant; Analgesic; Sedative

Route of Administration

IV

Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
4	Rompun	500 mg IV	single	24 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.

## ZOMEPIRAC

### Trade and Other Names

Zomax

### Type of Drug

Analgesic/Anti-inflammatory (NSAID)

### Route of Administration

Oral (PO)

### Dosage Regimen and Elimination Guideline (EG)

#Horses	Product	Dose/Route	Administration	EG
2	Zomax	0.5 g PO	single	96 h
2	Zomax	0.5 g PO	once daily, 3 days	96 h
2	Zomax	1 g PO	single	96 h
2	Zomax	1 g PO	once daily, 3 days	96 h

It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered.

The guidelines in this booklet may not apply to a compounded product and may not be consistent with foreign regulations and laboratory methods.



## SALICYLIC ACID

**DRUG:** Salicylic Acid  
Acetylsalicylic Acid (ASA, Aspirin)  
MethylSalicylate

**TYPE OF DRUG:** Antipyretic/analgesic/Anti-inflammatory (NSAID): ASA;  
Counterirritant : Methyl salicylate ; Keratolytic : Salicylic Acid

**TRADE NAMES:** Acetophen, Entrophen, Aspir (ASA), Baumodyne Gel; Equine Blue Lotion; others (Methyl salicylate)

DRUG ADMINISTRATION	PRODUCT	DOSE & ROUTE	NO. HORSES	SALICYLIC ACID LEVELS	
				BLOOD > 6.5 µg/mL	URINE > 750 µg/mL
Acetylsalicylic acid	Acetophen	11.7 g Oral	12		24 h*
Methyl salicylate	Gel Baumodyne	8.38 g Topical	8		6 h
Methyl salicylate	Gel Baumadyne	3.35 g Topical	8		none observed

\* Acetylsalicylic acid was detected in horse urine up to 14 hours in this experiment.

No levels greater than 750 µg/mL in urine or 6.5 µg/mL in blood were observed as a result of feed administration.

All of the above results are based on experiments and analysis of horse urine using current methodology. It is stressed that these results are presented as guidelines only. They should not be construed as absolute for every horse administered a drug metabolized to salicylic acid.

# SCHEDULE

## List of Drugs

1. Any substance and any preparation, metabolite, derivative, isomer and salt of the substance,
  - (a) that is labelled for veterinary use under the *Food and Drug Regulations* during a period of 240 days, calculated from the day on which the drug was assigned a drug identification number (D.I.N.) under those Regulations;
  - (b) that is not labelled for veterinary use under the *Food and Drug Regulations*;
  - (c) that interferes with an analysis for any drug included in this schedule; or
  - (d) that is included in the following list:

Acepromazine ( <i>Acépromazine</i> )	Buprenorphine ( <i>Buprénorphine</i> )
Acetanilide ( <i>Acétanilide</i> )	Caffeine ( <i>Caféine</i> )
Acetylsalicylic acid ( <i>Acide acétylsalicylique</i> )	Camphor ( <i>Camphre</i> )
Aconite ( <i>Aconit</i> )	Carbachol ( <i>Carbachol</i> )
Aconitine ( <i>Aconitine</i> )	Carfentanil ( <i>Carfentanil</i> )
Alphadolone ( <i>Alphadolone</i> )	Carprofen ( <i>Carprofène</i> )
Alphaxalone ( <i>Alphaxalone</i> )	Chloral Hydrate ( <i>Hydrate de chloral</i> )
Aminophylline ( <i>Aminophylline</i> )	Chlorpheniramine ( <i>Chlorphéniramine</i> )
Antipyrine ( <i>Antipyrine</i> )	Clenbuterol ( <i>Clenbutérol</i> )
Arecoline ( <i>Arécoline</i> )	Clomipramine ( <i>Clomipramine</i> )
Atipamezole ( <i>Atipamézole</i> )	Cromoglycate ( <i>Cromoglycate</i> )
Atropine ( <i>Atropine</i> )	Dembrexine ( <i>Dembrexine</i> )
Azaperone ( <i>Azapérone</i> )	Deracoxib ( <i>Déracoxib</i> )
Belladonna ( <i>Belladone</i> )	Desoxycorticosterone ( <i>Désoxycorticostérone</i> )
Benazepril ( <i>Benazépril</i> )	Detomidine ( <i>Détomidine</i> )
Benzocaine ( <i>Benzocaïne</i> )	Dexamethasone ( <i>Dexaméthasone</i> )
Betamethasone ( <i>Bétaméthasone</i> )	Dibucaine ( <i>Dibucaïne</i> )
Boldenone ( <i>Boldénone</i> )	
Butacaine ( <i>Butacaïne</i> )	
Butorphanol ( <i>Butorphanol</i> )	

Diethylstilbestrol ( <i>Diéthylstilbestrol</i> )	( <i>Lévamisole</i> )
Digitalis ( <i>Digitaline</i> )	Lidocaine ( <i>Lidocaïne</i> )
Digitoxin ( <i>Digitoxine</i> )	Lobelia ( <i>Lobelia</i> )
Digoxin ( <i>Digoxin</i> )	Lobeline ( <i>Lobéline</i> )
Dimethylsulfoxide ( <i>Diméthylsulfoxyde</i> )	Mebezonium ( <i>Mébézonium</i> )
Diphepanil ( <i>Diphépanil</i> )	Meclofenamic acid ( <i>Acide méclofénamique</i> )
Diprenorphine ( <i>Diprénorphine</i> )	Medetomidine ( <i>Médetomidine</i> )
Dipyron ( <i>Dipyron</i> )	Meloxicam ( <i>Méloxicam</i> )
Doxapram ( <i>Doxapram</i> )	Mepivacaine ( <i>Mépipacaïne</i> )
Droperidol ( <i>Dropéridol</i> )	Methapyrilene ( <i>Méthapyrilène</i> )
Enalapril ( <i>Énalapril</i> )	Methotrimeprazine ( <i>Méthotriméprazine</i> )
Ephedrine ( <i>Éphédrine</i> )	Methscopolamine ( <i>Methscopolamine</i> )
Epinephrine ( <i>Épinéphrine</i> )	Methylprednisolone ( <i>Méthylprednisolone</i> )
Ergonovine ( <i>Ergonovine</i> )	Methyl Salicylate ( <i>Salicylate de méthyle</i> )
Ethanol ( <i>Ethanol</i> )	Methyltestosterone ( <i>Méthyltestostérone</i> )
Etorphine ( <i>Étorphine</i> )	Metomidate ( <i>Métomidate</i> )
Fentanyl ( <i>Fentanyl</i> )	Mometasone ( <i>Mométasone</i> )
Firocoxib ( <i>Firocoxib</i> )	Naloxone ( <i>Naloxone</i> )
Flumethasone ( <i>Fluméthasone</i> )	Nandrolone ( <i>Nandrolone</i> )
Flunixin ( <i>Flunixine</i> )	Neostigmine ( <i>Néostigmine</i> )
Fluocinolone acetonide ( <i>Acétonide de fluocinolone</i> )	Nicotine ( <i>Nicotine</i> )
Fluoxetine ( <i>Fluoxetine</i> )	Nikethamide ( <i>Nikéthamide</i> )
Fomepizole ( <i>Fomépizole</i> )	Nux Vomica ( <i>Nux Vomica</i> )
Furosemide ( <i>Furosémide</i> )	Penicillin G Procaine ( <i>Pénicilline G Procaïne</i> )
Guaifenesin ( <i>Guaifénésine</i> )	Pentazocine ( <i>Pentazocine</i> )
Hydrochlorothiazide ( <i>Hydrochlorothiazide</i> )	Pentobarbital ( <i>Pentobarbital</i> )
Hyoscine ( <i>Hyoscine</i> )	Pentoxifylline ( <i>Pentoxifylline</i> )
Hyoscyamine ( <i>Hyoscyamine</i> )	Phenacaine ( <i>Phénacaïne</i> )
Imidapril ( <i>Imidapril</i> )	Pheniramine ( <i>Phéniramine</i> )
Isoflupredone ( <i>Iofluprédone</i> )	Phenothiazine ( <i>Phénothiazine</i> )
Isopropamide ( <i>Isopropamide</i> )	
Ketamine ( <i>Kétamine</i> )	
Ketanserin ( <i>Kétanserine</i> )	
Ketoprofen ( <i>Kétoprofène</i> )	
Levamisole	

Phenylbutazone ( <i>Phénylbutazone</i> )	Telmisartan ( <i>Telmisartan</i> )
Phenylephrine ( <i>Phényléphrine</i> )	Tepoxalin ( <i>Tépoaxaline</i> )
Phenylpropanolamine ( <i>Phénylpropanolamine</i> )	Testosterone ( <i>Testostérone</i> )
Pimobendan ( <i>Pimobendane</i> )	Tetracaine ( <i>Tétracaïne</i> )
Prednisolone ( <i>Prednisolone</i> )	Theophylline ( <i>Théophylline</i> )
Prednisone ( <i>Prednisone</i> )	Thiamylal ( <i>Thiamylal</i> )
Primidone ( <i>Primidone</i> )	Thiopental ( <i>Thiopental</i> )
Procaine ( <i>Procaïne</i> )	Tobacco ( <i>Tabac</i> )
Prochlorperazine ( <i>Prochlorpérazine</i> )	Tolazoline ( <i>Tolazoline</i> )
Propionylpromazine ( <i>Propionylpromazine</i> )	Tolfenamic acid ( <i>Acide tolfénamique</i> )
Propofol ( <i>Propofol</i> )	Trenbolone ( <i>Trenbolone</i> )
Pyrilamine ( <i>Pyrilamine</i> )	Triamcinolone ( <i>Triamcinolone</i> )
Quinine ( <i>Quinine</i> )	Tricaine ( <i>Tricaïne</i> )
Ractopamine ( <i>Ractopamine</i> )	Trichlormethiazide ( <i>Trichlorméthiazide</i> )
Ramipril ( <i>Ramipril</i> )	Trilostane ( <i>Trilostane</i> )
Resocortol ( <i>Resocortol</i> )	Trimeprazine ( <i>Triméprazine</i> )
Robenacoxib ( <i>Robénacoxib</i> )	Tripelethamine ( <i>Tripélethamine</i> )
Romifidine ( <i>Romifidine</i> )	Vedaprofen ( <i>Védaprofène</i> )
Salicylamide ( <i>Salicylamide</i> )	Xylazine ( <i>Xylazine</i> )
Scopolamine ( <i>Scopolamine</i> )	Yohimbine ( <i>Yohimbine</i> )
Secobarbital ( <i>Sécobarbital</i> )	Zeranol ( <i>Zéranol</i> )
Selegiline ( <i>Sélégiline</i> )	Zilpaterol Hydrochloride ( <i>Chlorhydrate de zilpatérol</i> )
Sputolysin ( <i>Sputolysine</i> )	
Stanozolol ( <i>Stanozolol</i> )	
Strychnine ( <i>Strychnine</i> )	

## 2. Drug

Furosemide (*Furosémide*)

Salicylic acid (*Acide salicylique*)

## Quantitative Limit

85 ng/mL in blood

750 µg/mL in urine

6.5 µg/mL in blood

## 3. Drug

Procaine (*Procaïne*)

## Quantitative Limit

25 ng/mL in blood

## EXPLANATORY NOTES

### A. SCHEDULE

The following substances are prohibited from occurring in official samples:

1. All substances not approved in Canada for use in veterinary medicine (this includes all human drugs and all foreign-available products),
2. Any substance in the list (this includes some substances approved in Canada for use in veterinary medicine),
3. Any substance that may interfere with the analysis of an official sample for scheduled substances, and
4. Any substance newly approved in Canada for a period of 240 days, and any substance for which the approval has been cancelled.

<b>IMPORTANT</b>
Each pharmaceutical product approved for sale in Canada is assigned a "Drug Identification Number" (D.I.N.), which is marked on the product label.
Veterinary drugs are marked "(For) Veterinary Use Only" or "(For) Agricultural Use Only" on the product label.
<b>EXAMINE ALL PRODUCT LABELS CAREFULLY!</b>

The guidelines in this booklet may not be consistent with foreign regulations and laboratory methods.

Provision has been made for quantitative limits for certain substances. An official sample will only be called positive for these substances if the concentration of the substance is greater than the quantitative limit, and any other regulatory conditions are met. For example, see note B (below).

## B. PENICILLIN G PROCAINE

Under certain conditions, quantitative analysis of a blood sample may be used as the basis for classification of a positive or negative with respect to procaine resulting from administration of penicillin G procaine products.

These conditions include:

1. The last administration of a product containing penicillin G procaine, at a dose up to 6 million IU, occurs at least 48 hours before the scheduled post time of the race for which the horse is entered.
2. The last administration of a product containing penicillin G procaine, at a dose up to 9 million IU, occurs at least 96 hours before the scheduled post time of the race for which the horse is entered. Dosages above 9 million IU may require a longer withdrawal than 96 hours.
3. Approved procedures are established for notifying provincial officials and collection personnel.
4. Approved procedures are established for collecting a blood sample.
5. A statement is made and a blood sample is provided according to the provisions of section 170 of the *Pari-Mutuel Betting Supervision Regulations*.

If all required conditions are met, a positive will not be classified for procaine unless the concentration in the blood sample is greater than 0.025µg/mL or 25ng/mL, as described in paragraph 3 of the Schedule.

*It is stressed that these results are presented as guidelines only and should not be construed as absolute for every horse to which this drug is administered. Agriculture and Agri-Food Canada is not responsible for results differing in any way from these results.*

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## NOTES

## NOTES