



Arizona Department of Gaming

TRIBAL GAMING • RACING • BOXING & MIXED MARTIAL ARTS

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ARIZONA DEPARTMENT OF GAMING DIVISION OF RACING EQUINE LABORATORY THRESHOLDS FOR 2016-17

Highlighted rows indicate changes from 2015-16

PARENT DRUG	THRESHOLD	FLUID	NOTES
Acepromazine	10 ng/ml	Urine	
Albuterol	1 ng/ml	Urine	
Atropine	Level of detection		
Betamethasone	10 pg/ml	Serum/Plasma	
Boldenone	100pg/ml	Serum/Plasma	
	15 ng/ml	Urine	Males other than geldings
Butorphanol	2 ng/ml	Serum/Plasma	
	300 ng/ml	Urine	RMTC 03/16
Cetirizine	6 ng/ml	Serum/Plasma	RMTC 03/16
Cimetidine	400 ng/ml	Serum/Plasma	RMTC 03/16
Clenbuterol	Level of detection	Serum/Plasma	RMTC 03/16
	140 pg/ml	Urine	RMTC 03/16
Dantrolene	100 pg/ml	Serum/Plasma	
Detomidine	1ng/ml	Serum/Plasma	RMTC 09/16
	2 ng/ml	Urine	RMTC 03/16
Dexamethasone	5 pg/ml	Serum/Plasma	
Diclofenac	5 ng/ml	Serum/Plasma	
DMSO	10 mcg/ml	Serum/Plasma	
Firocoxib	20 ng/ml	Serum/Plasma	
Flunixin	50ng/ml	Serum/Plasma	
Furosemide	100 ng/ml	Serum/Plasma	
Glycopyrrolate	3 pg/ml	Serum/Plasma	RMTC 03/16
Guaifenesin	12 ng/ml	Serum/Plasma	RMTC 03/16
Isoflupredone	100 pg/ml	Serum/Plasma	
Isoxsuprine	Level of detection	Serum/Plasma	
Ketoprofen	10ng/ml	Serum/Plasma	

Lidocaine	20 pg/ml	Serum/Plasma	
Meclofenamic Acid	Level of detection	Serum/Plasma	
Mepivacaine	Level of detection	Serum/Plasma	RMTC 03/16
	10 ng/ml	Urine	RMTC 03/16
Methocarbamol	1 ng/ml	Serum/Plasma	
Methylprednisolone	100 pg/ml	Serum/Plasma	
Nandrolone	100pg/ml	Serum/Plasma	Fillies, mares, geldings
	500pg/ml	Serum/Plasma	Intact males
	1ng/ml	Urine	
Naproxen	Level of detection		
Omeprazole	10 ng/ml	Serum/Plasma	RMTC 03/16
Phenylbutazone	5 mcg/ml	Serum/Plasma	
Prednisolone	1 ng/ml	Serum/Plasma	RMTC 03/16
Procaine	25 ng/ml	Urine	
Pyrilamine	Level of detection		
Stanozolol	100 pg/ml	Serum/Plasma	
	1 ng/ml	Urine	
Ranitidine	40 ng/ml	Serum/Plasma	RMTC 03/16
Testosterone	100 pg/ml	Serum/Plasma	Fillies, mares, geldings
	2,000 pg/ml	Serum/Plasma	Intact males
	20 ng/ml	Urine	Geldings
	55 ng/ml	Urine	Fillies and mares
Total CO2	37 mmol/L	Serum/Plasma	
Triamcinolone	100 pg/ml	Serum/Plasma	
Xylazine	200 pg/ml	Serum/Plasma	RMTC 03/16

ENDOGENOUS, DIETARY OR ENVIRONMENTAL SUBSTANCES

SUBSTANCE	THRESHOLD	FLUID	NOTES
Arsenic	0.3 mcg/ml	Urine	Feed contaminant
Caffeine	100 ng/ml	Serum/Plasma	Feed contaminant
Cobalt	25 ppb	Serum/Plasma	Endogenous substance
Estranediol	0.045 mcg/ml	Urine	Intact male horses
GABA	110 PPB	Serum/Plasma	Endogenous substance
Hydrocortisone	1 mcg/ml	Urine	Endogenous substance
Methoxytyramine	4 mcg/ml	Urine	Endogenous substance
Salicylates	750 mcg/ml	Urine	Feed contaminant
	6.5 mcg/ml	Serum/Plasma	Feed contaminant
Theobromine	0.3 mcg/ml	Serum/Plasma	Feed contaminant
	2 mcg/ml	Urine	Feed contaminant

Notes for 2016-17 Turf Paradise Meet:

1. Be advised that in the event urine is not obtained from a horse, those drugs with urine-only thresholds will have an effective threshold of the limit of detection for the respective drug in blood utilizing mass spectral methods.
2. Horses that test above the 25 ppb threshold for cobalt but below 50 ppb will be placed on the Veterinarian's List and will be ineligible to be entered until the horse test below 25 ppb. Horses testing above 50 ppb will result in a Class B penalty.
3. Please note that some of the listed thresholds apply to the metabolite of the drug. All drugs are listed by the parent drug, however, for the sake of clarity.
4. Note above: RMTC 03/16 refers to ARCI Controlled Therapeutic Medication Schedule for Horses – Version 3.0 Revised – March 25, 2016
5. Note above: RMTC 09/16 refers to ARCI Controlled Therapeutic Medication Schedule for Horses- Version 3.1 Revised – Sept 10, 2016