



2008

REPORT ON PROHIBITED SUBSTANCES

RAPPORT SUR LES SUBSTANCES PROHIBEES

Compiled by the Racing Medication and Testing Consortium
supervised by the Advisory Council on Prohibited Substances and Practices
of the IFHA

Racing Medication & Testing Consortium
821 Corporate Drive, Lexington, KY 40503, USA
(859) 224-2844 - Direct Dial --- (859) 296-3033 - Fax
www.facebook.com/RMTCnet

COUNTRY	TOTAL NUMBER OF RACES (flat & jumps)	TOTAL NUMBER OF HORSES SAMPLED	HORSES SAMPLED PRE-RACE	HORSES SAMPLED POST-RACE	TOTAL BOTH URINE & BLOOD SAMPLED	BOTH URINE & BLOOD SAMPLED PRE-RACE	BOTH URINE & BLOOD SAMPLED POST-RACE	TOTAL URINE ONLY SAMPLED	URINE ONLY SAMPLED PRE-RACE	URINE ONLY SAMPLED POST-RACE	TOTAL BLOOD ONLY SAMPLED	BLOOD ONLY SAMPLED PRE-RACE	BLOOD ONLY SAMPLED POST-RACE	TOTAL NUMBER OF DECLARED POSITIVE CASES
Argentina	1 769	3 840	0	3 840	0	0	0	3 736	0	3 736	104	0	104	39
Australia	16 562	39 935	0	0	0	0	0	18 080	0	18 080	21 855	7 946	13 909	77
Austria		161	128	33	17	0	17	0	0	0	144	128	16	0
Bahrain	183	183	0	0	183	0	0	100	0	0	83	0	0	1
Belgium		29	0	29	1	0	1	23	0	23	5	0	5	0
Cyprus	1 057	1 142	0	1 142	0	0	0	1 140	0	1 140	2	0	2	13
Denmark	290	40	0	0	0	0	0	20	0	0	20	0	0	0
France	6854	8639	0	8639	7550	0	7550	0	0	0	1089	0	1089	26
Germany	1 573	551	0	0	3	0	0	442	0	0	106	0	0	6
Great Britain	98 014	9 632	0	0	100	0	0	8 260	0	0	1 272	0	0	16
Hong Kong	733	11 255	9 266	1 989	1 978	10	1 968	9 136	9 136	0	141	120	21	1
India	3 104	2 074	0	0	0	0	0	1 962	14	1 948	112	0	112	6
Ireland		2 543	0	0	33	0	0	1 781	0	0	696	0	0	9
Italy	4 306	5 409	0	0	0	0	0	3 856	0	0	1 553	0	0	35
Japan (JRA)	3 452	10 366	0	10 366	0	0	0	10 093	0	10 093	273	0	273	0
Japan (NAR)	14 292	31 991	0	31 991	0	0	0	28 772	0	28 772	3 219	0	3 219	10
Lebanon	348	371	0	371	0	0	0	310	0	310	61	0	61	8
Lithuania	1	6	0	6	0	0	0	2	0	2	4	0	4	0
Macau		1 245	1	1 244	1 245	1	1 244	952	1	951	293	0	293	0
New Zealand	3 088	3 258	225	3 033	0	0	0	2 552	0	2 552	706	225	481	7
Panama	1 225	1 447	0	1 447	0	0	0	1 271	0	1 271	176	0	176	6
Peru		1 918	0	1 918	0	0	0	1 017	0	1 017	901	0	901	0
Poland	521	25	0	0	0	0	0	25	0	25	0	0	0	0
Saudi Arabia	493	1 090	0	0	1 090	0	0	778	0	0	312	0	0	11
Mauritius	256	2 811	2 536	275	129	129	0	273	0	273	2 409	2 407	2	10
Singapore		12 775	9 447	3 328	2 527	0	2 527	620	0	620	9 628	9 447	181	6
Slovakia	151	50	0	0	0	0	0	41	0	0	9	0	0	0
South Africa	3 807	4 328	201	123	0	0	0	4 004	0	0	324	201	123	10
Tunisia	315	226	0	0	0	0	0	180	0	0	46	0	0	4
Turkey		8 861	268	8 593	0	0	0	6 595	0	6 595	2 266	268	1 998	25
Uruguay	1 025	2 051	0	0	0	0	0	2 003	0	0	48	0	0	9
United States	114 867	200 000	32 000	192 843	174 843	0	174 843	5 000	0	5 000	45 000	32 000	13 000	505
Venezuela	2 907	6 348	0	0	48	0	0	5 755	0	0	545	0	0	13

COUNTRY	DECLARED POSITIVES PRE-RACE	DECLARED POSITIVES POST-RACE	TOTAL DECLARED POSITIVE CASES ON URINE	DECLARED POSITIVE CASES ON URINE PRE-RACE	DECLARED POSITIVE CASES ON URINE POST-RACE	TOTAL DECLARED POSITIVE CASES ON BLOOD	DECLARED POSITIVE CASES ON BLOOD PRE-RACE	DECLARED POSITIVE CASES ON BLOOD POST-RACE	SUBSTANCES DETECTED IN OTHER HORSE COMPETITIONS
Argentina	0	39	38	0	38	1	0	1	None
Australia	14	63	43	0	43	34	14	20	Phenylbutazone/Oxyphenbutazone/Theobromine, Frusemide, Prednisone/Prednisolone, Methylprednisolone, Caffeine & 3 metabolites, Caffeine & Theobromine, Hydroxyprogesterone Caproate
Austria	0	0	0	0	0	0	0	0	None
Bahrain	0	0	0	0	0	1	0	0	None
Belgium	0	0	0	0	0	0	0	0	None
Cyprus	0	13	12	0	12	1	0	1	None
Denmark	0	0	0	0	0	0	0	0	None
France	0	26	0	0	0	0	0	0	Acepromazine Metabolite, Acide Tranexamique, Azaperone Metabolite, Benzoyl Ecgonine, Betamethazone, Caffeine Theophylline Theobromine, Dexamethazone, Dexamethazone-Ipratropium, Estrane Diol Boldenone, Hydrochlorothiazide, Ipratropium, Ketoprofin, Morphine, Phenylbutazone, Oxy Phenbutazone, Romifidine, Salbutamol, Testosterone, Theophylline, Triamcinolone Acet & Dexamethazone
Germany	0	0	6	0	0	0	0	0	Altrenogest, Betamethasone, Blutorphanol, Clenbuterol, Caffeine, Dembrexin, Detomidine, Diclofenac, Flufenaminsaure, Flunixin, Guaifenesin, Hydroxydetomidine, Hydroxyethylpromazine, Hydroxylidocaine, Ibuprofen, Metamizol, Methocarbamol, Methylprednisolone, Procaine, Triamcinolon Acetonit
Great Britain	0	0	15	0	0	1	0	0	None
Hong Kong	0	1	1	0	1	0	0	0	Felbinac (1), Capsaicin (4) & Nonivamide (1) from the 2008 Beijing Olympic equestrian events held in Hong Kong
India	0	6	6	0	6	0	0	0	None
Ireland	0	0	9	0	0	0	0	0	Flunixin, Phenylbutazone& Oxyphenylbutazone
Italy	0	0	33	0	0	2	0	0	None
Japan (JRA)	0	0	0	0	0	0	0	0	None
Japan (NAR)	0	10	9	0	9	1	0	1	None
Lebanon	0	8	8	0	8	0	0	0	None
Lithuania	0	0	0	0	0	0	0	0	None
Macau	0	0	0	0	0	0	0	0	None
New Zealand	0	7	7	0	7	0	0	0	Caffeine & metabolites (indication of etamiphylline), Scopolamine, DMSO (6) & Dexamethasone
Panama	0	6	6	0	6	0	0	0	None
Peru	0	0	0	0	0	0	0	0	None
Poland	0	0	0	0	0	0	0	0	None
Saudi Arabia	0	0	11	0	0	0	0	0	None
Mauritius	9	1	10	5	5	0	0	0	None
Singapore	0	6	6	0	6	0	0	0	None
Slovakia	0	0	0	0	0	0	0	0	None
South Africa	0	10	10	0	10	0	0	0	None
Tunisia	0	0	2	0	0	2	0	0	None
Turkey	0	21	21	0	21	4	0	4	None
Uruguay	0	0	9	0	0	0	0	0	None
United States	0	0	0	0	0	0	0	0	None
Venezuela	0	0	13	0	0	0	0	0	None

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
Acepromazine	Tranquilizer	ARG (5), VEN (4), USA (11), FR (1)	21
Acepromazine & Xylazine	Tranquilizer, Sedative, Analgesic	CYP (1)	1
Acetaminophen	Anti-Inflammatory	ARG (1)	1
Albuterol	Bronchodilator	USA (3)	3
Altrenogest	Hormonal	GB (2)	2
Amidopyrine	Analgesic	SDA (1)	1
Aminocaproic Acid	Anti-Fibrinolytic	USA (2)	2
Atropine	Anticholinergic	USA (1)	1
Azaperone (metabolite)	Tranquilizer	FR (1)	1
Benzoylecgonine	CNS Stimulant	ITY (13), PAN (4), FR (1)	18
Betamethasone	Glucocorticoid, Anti-Inflammatory	TUR (1), FR (1)	2
Bis (4-hydroxyphenyl)-(2-pyridinylmethane)	Unknown	AUS (2)	2
Boldenone	Anabolic	AUS (1), SDA (4)	5
Bromhexine	Mucolytic	TUR (2)	2
Bufotenine	CNS Hallucinogenic	SIN (2)	2
Bupivacaine	Local Anesthetic	TUR (1)	1
Buprenorphine	Narcotic Analgesic	USA (4)	4
Butorphanol	Analgesic	ARG (4), VEN (2), USA (2)	8
Butorphanol, Flunixin, Xylazin	Analgesic, Anti-Inflammatory Analgesic, Sedative Analgesic	IND (1)	1
Caffeine	Cardiac and Respiratory Stimulant	ARG (8), IRE (4), JPN NAR (4), SDA (1), TUR (3), URU (3), VEN (2), USA (15)	40
Caffeine, Theophylline, Theobromine	Cardiac and Respiratory Stimulant	FR (1)	1
Camphor	Antitussive	TUR (3)	3
Chlorpheniramine	Antihistamine	ARG (1)	1
Cimetidine	Antiulcerative, Histamine Blocker	USA (2)	2
Clenbuterol	Bronchodilator	GB (1), JPN NAR (1), PAN (1), URU (1), VEN (3), USA (32)	39
Cocaine	CNS Stimulant	ARG (1), ITY (1), USA (2)	4
Codeine	Narcotic Analgesic	USA (4)	4
Cyproheptadine	Antihistamine	ARG (2)	2
Dembrexine	Mucolytic	IRE (1)	1
Detomidine	Sedative	USA (1)	1
Dexamethasone	Glucocorticoid, Anti-Inflammatory	AUS (1), BHR (1), GER (1), GB (1), ITY (2), MTC (2), URU (1), USA (37) FR (1)	47

Table 2

Substances Detected

4

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
Dexamethasone-Ipratropium	Anti-Inflammatory; Bronchodilator	FR (1)	1
Diazepam	Sedative	ARG (4)	4
Diazepam, Nordiazepam, Acepromazine, Dipyron, Desalkyldipyron	Sedative, Tranquilizer, Analgesic, Antipasmodic	LEB (1)	1
Diazepam, Nordiazepam, Hydroxydiazepam, Acepromazine	Sedative, Tranquilizer	LEB (1)	1
Diclofenac	Anti-Inflammatory	ARG (1), MTC (1), SAF (1), USA (1)	4
Dimethylsulfoxide	Anti-Inflammatory, Analgesic, Adjuvant	USA (1)	1
Dipyron	Antipyretic, Analgesic	AUS (1), USA (4)	5
Dyphylline	Bronchodilator, Cardiac Stimulant, Diuretic	ITY (2), TUR (2)	4
Estrane Diol Boldenone		FR (1)	1
Etamiphyllin	Bronchodilator	SDA (1)	1
Etamiphyllin & Ephedrine	Bronchodilator, Sympathomimetic	LEB (1)	1
Ethacrynic Acid	Diuretic	TUN (1)	1
Etilefrine	Cardiac Stimulant	TUR (1)	1
Felbinac	Anti-Inflammatory	GB (1)	1
Fentanyl Metabolite	Narcotic Analgesic	ITY (1)	1
Flufenamic Acid	Anti-Inflammatory	TUR (1)	1
Flunixin	Anti-Inflammatory, Analgesic	ARG (3), AUS (1), CYP (2), IITY (1), LEB (1), SDA (2), SIN (1), SAF (1), TUR (1), USA (71)	84
Fluphenazine	Tranquilizer	GB (1), USA (6)	7
Furosemide	Diuretic	AUS (1), CYP (1), SAF (1), USA (7)	10
Furosemide & Phenylbutazone	Diuretic & Anti-Inflammatory, Analgesic	VEN (2)	2
Glycopyrrolate	Anticholinergic, Mucolytic	SIN (1)	1
Guaifenesin	Antitussive, Muscle Relaxant	TUR (1), USA (5)	6
Heptaminol	Cardiotonic	AUS (2), SDA (1)	3
Hydrochlorothiazide	Diuretic	IRE (1), FR (1)	2
Hydrocortisone	Glucocorticoid, Anti-Inflammatory	SAF (2)	2
Hydroxycamphor	Antitussive	AUS (5)	5
Hydroxyethylpromazine	Tranquilizer	GB (1), ITY (3)	4
Hydroxmeprivaccaine	Local Anesthetic	SIN (1)	1
Hydroxyprogesterone Caproate	Hormonal	AUS (8)	8
Hydroxypropanolol	Anti-Hypertensive	GB (1)	1
3-Hydroxy-N-Methylmorphinan	Narcotic, Analgesic	SIN (1)	1

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
16β-Hydroxystanozolol	Anabolic	CYP (1), IND (2)	3
Ibuprofen	Anti-Inflammatory, Analgesic	IND (1), ITY (1), USA (1)	3
16β-Idrossistanozolol	Anabolic	ITY (1)	1
Indomethacin	Anti-Inflammatory	ARG (1), USA (1)	2
Ipratropium	Bronchodilator	AUS (1), FR (1)	2
Isoxsuprine	Vasodilator	ARG (2), AUS (2), GER (1)	5
Ketoprofen	Analgesic, Anti-Inflammatory	NZ (1), SDA (1), USA (2), FR (1)	5
Levorphanol	Narcotic Analgesic	ARG (1)	1
Lidocaine	Local Anesthetic	USA (4)	4
Lidocaine & Flunixin	Local Anesthetic & Anti-Inflammatory, Analgesic	LEB (1)	1
Mefenamic Acid	Anti-Inflammatory	JPN NAR (2)	2
Meloxicam	Anti-Inflammatory	GER (1)	1
Menthol	Antitussive, Analgesic	GER (2)	2
Mephentermine	Cardiac Stimulant	ARG (1)	1
Methenolone	Anabolic, Androgenic	TUR (1)	1
Methocarbamol	Relaxant Skeletal Muscle	USA (31)	31
4-Methylamino-Antipyrine	Antipyretic, Analgesic	CYP (1), SIN (1)	2
Methylprednisolone	Glucocorticoid, Anti-Inflammatory	AUS (1), GB (1), MTC (1), TUR (2), USA (46)	51
Morphine	Narcotic, Analgesic	AUS (1), GB (5), ITY (2), NZ (1), USA (1), FR (1)	11
N-Butylhyoscine	Antimuscarinic	AUS (5)	5
Naloxone	Opioid Antalgic	USA (3)	3
Nandrolone	Anabolic	USA (1)	1
Naproxen	Anti-Inflammatory, Analgesic	AUS (3), ITY (1), USA (3)	7
Nalbuphine	Narcotic, Analgesic	ARG (2), URU (3)	5
Nikethamide	Respiratory Stimulant	TUR (1)	1
Nitrendipine	Antihypertensive, Calcium Channel Blocker	ARG (1)	1
Nordiazepam	Tranquilizer	LEB (2)	2
Omeprazole & Hydroxyomeprazole	Antiulcerative, Gastric Secretory Inhibitor	HK (1)	1
Oripavine	Narcotic, Analgesic	AUS (1)	1
Orphenadrine	Anticholinergic, CNS Muscle Relaxant	ARG (4)	4
Oxazepam	Tranquilizer	AUS (1)	1
Oxycodone	Narcotic Analgesic	USA (1)	1
Oxymorphone	Narcotic Analgesic	USA (1)	1
Oxyphenbutazone	Anti-Inflammatory, Analgesic	AUS (1), MTC (1), USA (8)	10
Pemoline	CNS Stimulant	TUR (2)	2
Phenylbutazone	Anti-Inflammatory, Analgesic	GER (1), TUR (1), USA (128)	130

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
Phenylbutazone & Oxyphenbutazone	Anti-Inflammatory, Analgesic	AUS (5), CYP (1), GB (1), NZ (1), MTC (1), SAF (2), FR (1)	12
Phenylbutazone & Oxyphenbutazone & Clenbuterol	Anti-Inflammatory, Analgesic & Bronchodilator	AUS (1)	1
Phenylbutazone, Oxyphenbutazone, Dexamethasone and Metabolite of Omeprazole	Anti-Inflammatory, Analgesic, Glucocorticoid, Anti-Inflammatory & Antiulcerative, Gastric Secretory Inhibitor	CYP (1)	1
Phenylpyrazolone Derivatives	Anti-Inflammatory	JPN NAR (1)	1
Phenylpropanolamine	Sympathomimetic	USA (2)	2
Plasma Total Carbon Dioxide	Alkalinizing Agent	AUS (22)	22
Prednisolone	Glucocorticoid, Anti-Inflammatory	SAF (2), USA (10)	12
Procaine	Local Anesthetic	ARG (1), IRE (2), JPN NAR (2), NZ (1), URU (1), USA (3)	10
Procaine, Clenbuterol, Phenylbutazone, Oxyphenbutazone and Flumethasone	Local Anesthetic, Bronchodilator, Anti-Inflammatory, Analgesic & Glucocorticoid, Anti-Inflammatory	CYP (1)	1
Promazine	Tranquilizer	PAN (1), USA (16)	17
Propantheline	Antimuscarinic, Smooth Muscle Relaxant	USA (1)	1
Propoxyphene	Narcotic, Analgesic	TUR (2)	2
Pyrilamine	Antihistamine	USA (1)	1
Quinidine	Anti-Arrhythmic	TUR (1)	1
Ractopamine	Beta-Agonist, Moderate Anabolic	USA (1)	1
Ranitidine	Antiulcerative, Gastric Secretory Inhibitor	AUS (1), GB (1), NZ (3), USA (5)	10
Reserpine	Tranquilizer	USA (2)	2
Romifidine	Sedative, Anesthetic, Analgesic	FR (1)	1
Salbutamol	Bronchodilator	AUS (1), FR (1)	2
Salicylamide	Analgesic, Antipyretic	USA (1)	1
Salicylic Acid	Analgesic, Antipyretic, Anti-Inflammatory	CYP (1)	1
Sparteine	Anti-Arrhythmic	ARG (2)	2
Testosterone	Androgen	AUS (4), CYP (1), IND (1), ITY (2), USA (3), FR (1)	12
Testosterone & Ketoprofen	Androgen & Anti-Inflammatory, Analgesic	AUS (1)	1
Testosterone, Nandrolone, Phenylbutazone, Oxyphenbutazone, Clenbuterol and Procaine	Androgen, Anabolic, Anti-Inflammatory, Analgesic, Bronchodilator & Local Anesthetic	CYP (1)	1
Teophiline (Theophylline)	Cardiac & Respiratory Stimulant, Vasodilator, Diuretic	ARG (1)	1
Tetramisole	Anthelmintic, Immunomodulator	IRE (1)	1

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
Theobromine	Cardiac & Respiratory Stimulant	AUS (1), IRE (3)	4
Theophylline	Cardiac and Respiratory Stimulant	FR (1)	1
Thioridazine	Antipsychotic, Tranquilizer	ARG (2)	2
Tramadol	Narcotic Analgesic	USA (1)	1
Tranexamic Acid	Anti-Fibrinolytic	FR (1)	1
Trenbolone	Anabolic	USA (6)	6
Triamcinolone	Glucocorticoid, Anti-Inflammatory	USA (1)	1
Triamcinolone Acetonide	Glucocorticoid, Anti-Inflammatory	MTC (4)	4
Triamcinolone Acetonide & Dexamethasone	Glucocorticoid, Anti-Inflammatory	FR (1)	1
Triamcinolone Acetonide & Hydroxy Triamcinolone Acetonide	Glucocorticoid, Anti-Inflammatory	IND (1)	1
Trichlormethiazide	Diuretic, Anti-Hypertensive	USA (5)	5
Tripelennamine	Antihistamine	USA (3)	3
Valerenic Acid	Sedative	AUS (2)	2
Venlafaxine	Antidepressant, Anxiolytic	USA (2)	2
Verapamil	Antihypertensive, Calcium Channel Blocker	ITY (5)	5

COUNTRY	TOTAL NUMBER OF HORSES SAMPLED	BOTH URINE & BLOOD SAMPLED	URINE ONLY SAMPLED	BLOOD ONLY SAMPLED	TOTAL NUMBER OF DECLARED POSITIVE CASES	DECLARED POSITIVE CASES IN URINE	DECLARED POSITIVE CASES IN BLOOD
Argentina	<i>No information to submit regarding antidoping lab tests during training because these evaluations are only carried out post-race on the winner horses.</i>						
Australia	739	0	13	726	6	5	1
France	1067	960	0	107	14	0	0
Germany	67	0	67	0	2	2	0
Great Britain	578	0	0	578	0	0	0
Hong Kong	785	429	317	39	27	21	6
	<i>These samples include those collected from racehorses newly arrived in Hong Kong. None of the positive findings involved confirmed unauthorized treatment.</i>						
India	537	537	521	16	0	0	0
Ireland	36	3	23	10	0	0	0
Italy	20	0	0	20	0	0	0
	<i>Have not yet implemented a systematic training testing program. This will be done in 2010.</i>						
Macau	73	73	73	0	0	0	0
Peru	1 918	0	1 017	901	0	0	0
Mauritius	80	0	0	80	0	0	0
Singapore	20	3	0	17	0	0	0
Slovakia	50	0	41	9	0	0	0
South Africa	177	0	0	177	0	0	0
Uruguay	<i>Have not yet implemented in training testing but are in the process of defining this option.</i>						
United States	500-1,000	0	0	500-1,000	0	0	0
	<i>Testing is limited to blood doping substances. Not all states have the rule enabling out of competition testing.</i>						
Venezuela	6 384	48	5 755	545	13	13	0
15 Countries	13,031-13,531	2 053	7 827	3,725-4,225	62	41	7

Table 4

Racing Day Samples Outcome

COUNTRY	TOTAL POSITIVE CASES	IS THE HORSE INVOLVED SYSTEMATICALLY DISQUALIFIED?	DO YOU APPLY SCREENING LIMITS FOR THERAPEUTIC SUBSTANCES?	OBSERVATIONS/REMARKS
Argentina	39	Yes	Yes	
Australia	77	Yes	Yes	
Austria	0	Yes	Yes	
Bahrain	1	Yes	No	
Belgium	0	Yes	Yes	
Cyprus	13	Yes	Yes	
Denmark	0	Yes	Yes	
France	26	Yes	Yes	
Germany	6	Yes	Yes	
Great Britain	16	Yes	Yes	
Hong Kong	1	Yes	Yes	
India	6	Yes	No	Racing was suspended for the months of November, December and January due to outbreak of equine influenza and pyrexia. Since India is a full signatory to Article 6 of the International Agreement, we would be following that article.
Ireland	9	No Answer	Yes	We apply screening limits for substances with published detection times.
Italy	35	No	Yes	
Japan (JRA)	0	Yes	No	
Japan (NAR)	10	Yes	No	
Lebanon	8	Yes	No	
Lithuania	0	No	No	
Macau	0	N/A	Yes	
New Zealand	7	Yes	Yes	Actual method detection limits are the only limits applied to non-threshold therapeutic substances.
Panama	6	Yes	No	
Peru	0	Yes	Yes	
Poland	0	No Answer	No Answer	
Saudi Arabia	11	Yes	No Answer	
Mauritius	10	Yes	Yes	
Singapore	6	Yes	Yes	Screening limits for therapeutic drugs are applied by limiting method sensitivity for some prohibited substances and conducting the confirmatory procedure using the associated blood sample.
Slovakia	0	Yes	Yes	
South Africa	10	Yes	Yes	
Tunisia	4	Yes	No	
Turkey	25	Yes	Yes	
Uruguay	9	No Answer	No Answer	
United States	505	No	Yes	Some states disqualify for all positives, others are based on circumstances. Screening limits vary by state.
Venezuela	13	Yes	No Answer	

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Argentina	San Isidro Racetrack Laboratory Hipodromo de San Isidro - Av. Bernabe Marquez 504 (1642)San Isidro - Buenos Aires Tel:+54 11 4743 4011/9 int 1290 Fax:+54 11 4742 1357 Email: pporto@jockeyclub.com.ar	Dr. Patricia I. Porto	No	Dr. Theodoro Dash Av. Bernabe Marquez 504 1642 San Isidro - Buenos Aires Tel:+54 11 4743 4011/9 int 1278 Fax:+54 11 4742 1357 Email: gerencia@jockeyclub.com.ar
Australia	Queensland Government Racing Science Center PO Box 513 ALBION QLD 4010 Tel: +61 7 3862 1477 Fax: +61 7 3857 0035	Mr. Mark W. Jarrett Manager, Analytical Services Email: mark.jarrett@racing.qld.gov.au	Yes - NATA & AORC	Dr. E. Bruce Young Manager Veterinary Services Queensland Government Racing Science Center PO Box 513 ALBION QLD 4010 Tel: +61 7 3862 1477 Fax: +61 7 3857 0035 Email: bruce.young@racing.qld.gov.au
	(Western Australia) Racing Chemistry Laboratory Chemistry Center (WA) 125 Hay Street EAST PERTH WA 6014 Tel: +61 8 9422 9880 Fax: +61 8 9422 9831	Mr. Charles Ivan Russo Email: crusso@chemcentre.wa.gov.au	Yes - NATA	Dr. Peter Symons/Dr. Judith Medd Chief Veterinary Officer Racing & Wagering Western Australia PO Box 222 BELMONT WA 6014 Tel: +61 8 9277 0759 Fax: +61 8 9479 3116 Email: peter.symons@rwwa.com.au / judith.medd@rwwa.com.au
	(Victoria, South Australia & Tasmania) Racing Analytical Services Limited 400 Epsom Road FLEMINGTON VIC 3031 Tel:+61 3 9376 6760 Fax: +61 3 9376 6875	Dr. John Vine Email: rasl@rasl.com.au	Yes - NATA	Dr. John Vine Chief Veterinary Officer Racing Analytical Services Limited 400 Epsom Road FLEMINGTON VIC 3031 Tel: +61 3 9376 6760 Fax: +61 3 9376 6875 Email: jvine@rasl.com.au
	(New South Wales, Northern Territory & Australian Capital Territory) Australian Racing Forensic Laboratory Royal Randwick Racecourse Alison Road RANDWICK NSW 2031 Tel: + 61 2 8344 5000 Fax: +61 2 9662 6107	Dr. Andrew Vadasz	Yes - NATA & AORC	Dr. Craig Suann Chief Veterinary Officer Australian Racing Forensic Laboratory Royal Randwick Racecourse Alison Road RANDWICK NSW 2031 Tel: +61 2 8344 5050 Fax: +61 2 9662 6107 Email: csuann@racingnsw.com.au

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Austria	Laboratoire des Courses Hippiques LCH 15 Rue de Paradis 91370 Verrieres le buisson FRANCE Tel: +33 (0) 1-69752828 Fax: +33 (0) 1-69752829	Dr. Yves Bonnaire		Dr. Isabella Copar Iglaseegasse 72 A-1190 Vienna Tel: +43 6642264790 Fax: +43 2254 9000 1505
Bahrain	Laboratoire des Courses Hippiques LCH 15 Rue de Paradis 91370 Verrieres le buisson FRANCE Tel: +33 (0) 1-69752828 Fax: +33 (0) 1-69752829			Dr. Ricardo Penso PO Box 25079 BAHRAIN Tel: 00973 17440440 Mobile: 00973 39185418 Email: racing@batelco.com.bh
Belgium	Laboratoire des Courses Hippiques LCH 15 Rue de Paradis 91370 Verrieres le buisson FRANCE Tel: +33 (0) 1-69752828 Fax: +33 (0) 1-69752829	Dr. Yves Bonnaire	Yes - COFRAC	David Van Dooren Leiestraat 60 8520 Kurne Belgium Email: d.v.n@busmail.com
Cyprus	HFL Sports Science LTD Newmarket Road Fordham, Cambridgeshire U.K. CB7 5WW Tel: 44 (0) 1638720500 Fax: 44 (0) 1638724200 Email: info@hfl.co.uk	Mr. Steve Maynard		Dr. Charalambos Kakoyiannis Director Veterinary Services 1417 Nicosia, Cyprus Tel: 357-22805250 Fax: 357-22332803 Email: director@vs.moa.gov.cy
Denmark	Statens Veterinärmedicinska Anstalt Afdeling for kemi SE-751 89 Uppsala Tel: +46-18674000 Fax: +46-18309162	Mikael Hedeland		Poul Hjorth Charlottenlund Dyrehospital Bernstorffsvej 246 DK-2920 Charlottenlund Tel: +45-39643707 Fax: +45-39643508
France	Laboratoire des Courses Hippiques LCH 15, rue de Paradis 91370 Verrieres le buisson France Tel: +33 169 75 28 28 Fax: +33 1 69 75 28 29 Email: lab.fncf@wanadoo.fr	Dr. Yves Bonnaire	Yes - COFRAC	Dr. Paul-Marie Gadot France Galop 46, Place Abel Gance 92655 Boulogne Billancourt Cedex France Tel: +33 1 49 10 23 25 Mob: +33 6 85 54 31 56 Fax: +33 1 49 10 21 55 Email: pmgadot@france-galop.com
Germany	Prof. Dr. Wolfgang Schanzer Institut für Biochemie - Deutsche Sporthochschule Köln Am Sportpark Mungersdorf 6 50933 Köln Tel: 0049-221-4971313 Fax: 0049-221-4973236 Email: schaenzer@biochem.dshs-koeln.de	Prof. Dr. Wolfgang Schanzer	Yes - WADA, AORC, ISO 17025:2005	Dr. Thomas Weinberger Burg Muggenhausen 53919 Weilerswist Tel: 0049-2254-96260 Fax: 0049-2254-962777 Email: burg.mueggenhausen@t-online.de

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Great Britain	HFL Sports Science LTD Newmarket Road Fordham, Cambridgeshire U.K. CB7 5WW Tel: +44 (0) 1638 720500 Fax: +44 (0) 1638 724200 Email: askanyone@hfl.co.uk	Mr. Steve Maynard Director of Sport HFL Sport Science Quotient Bioresearch Tel: +44 1638 724214 Fax: +44 1638 724200 www.hfl.co.uk Email: Smaynard@hfl.co.uk	Yes - ISO 17025	Lynn Hillyer Veterinary Advisor (Medication) Department of Equine Science and Welfare British Horseracing Authority 151 Shaftesbury Avenue, London WC2H 8AL Mobile: 07764 769890 Department: 020 7152 0090 britishhorseracing.com Email: lhillyer@britishhorseracing.com
Hong Kong	Racing Laboratory The Hong Kong Jockey Club Sha Tin Racecourse Sha Tin, New Territories, Hong Kong, China Tel: +852-2966-6296 or +852-2966-6304 Fax: +852-2601-6564 or +852-2607-2618 Email: terence.sm.wan@hkjc.org.hk	Dr. Terence S.M. Wan	Yes - Hong Kong Accreditation Services (to the requirements of ISO-IEC 17025:2005)	Dr. Brian B.D. Stewart The Hong Kong Jockey Club Equine Hospital Sha Tin Racecourse Sha Tin, New Territories, Hong Kong, China Tel: +852-2966-6741 Fax: +852-2602-3305 Email: brian.d.stewart@hkjc.org.hk
India	CVRL, Equine Forensic Unit, Dubai - Fax: 0097143349343	Mr. Peter Alberts - CVRL, Dubai	CVRL - Yes, NATA	Dr. D. Swaminathan, Sr. Veterinary Officer, RWITC Ltd., Race Course, Mahalakshmi, Mumbai - 400034; Tel: 0091-22-23071401/407/396; Fax: 0091-22-23011972 (Mumbai: Nov-April) 0091-2026360687 (Pune: May-Oct); Mobile: 00919225627950; Email: vet@rwitc.com/swamivet@gmail.com
	HKJC, Racing Lab, Hong Kong - Fax: 0085226016564	Dr. Terence S.M. Wan - HKJC, Racing Lab, Hong Kong	HKJK - Yes, HOKLAS	Dr. Syed Naveed Ahmed, Sr. Veterinary Officer, Bangalore Turf Club Ltd. No.52, Race Course Road, Bangalore-560001; Tel: 0091-80-22265904; Fax: 0091-80-22207425
	HFL, England - Fax:00441638724200	Mr. Steve Maynard - HFL, England	HFL - Yes, VKAS Testing Laboratory	Dr. K. Venugopal Reddy, Sr. Veterinary Officer, Hyderabad Race Club, Malakpet, Hyderabad-50036; Tel: 0091-40-24549491; Fax: 0091-40-24548493
	LCH, France - Fax:0033169752829	Dr. Yves Bonnaire -LCH, France	LCH - COFRAC, ESSAIS	Dr. Indrajit Bannerjee, Sr. Veterinary Officer, Royal Calcutta Turf Club, Calcutta Race Course, Hastings, Kolkata-700022; Tel: 0091-33-22234252; Fax: 0091-33-22316353; Mobile: 00919831867775; Email: vet@rctconline.com
	Madras Race Club Analytical Laboratory PO Box No. 2639 Guindy, Chennai - 600032 India Tel: 0091-44-22452720 Fax: 0091-44-22351553 Email: mrc_anlab@yahoo.com	Mr. K. Sankar - Professional Member AORC, Analyst- MRCAL, Chennai, India		Dr. S.M. Karthikeyan Director & Sr. Veterinary Officer Equine Hospital, Madras Race Club Guindry, Chennai-600032 Tel: 0091-44-22452546 Fax: 0091-44-22452908 Email: karthi.horsevet@gmail.com
Ireland	BHP Laboratory New Road, Thomandgate Limerick, Ireland Tel: 00-353-61-455399 Fax: 00-353-61-455447 Email: colettehannan@bhp.ie	Colette Hannan (Laboratory Manager) Dermot Purcell (Director)	Yes - ISO 17025, by INAB	Dr. Dermot McIlreen

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Italy	Unirelab srl Via Gramsci 70 (20019) Settimo Milanese MILANO Tel: +3902-33502133 Fax: +390233514200	Paolo De Iuliis	Yes - ISO 17025, SINAL	Sveva Davanzo Chief Veterinary Officer UNIRE Via Cristoforo Colombo 283/A (00147) ROMA Tel: +3906518971 Email: s.davanzo@unire.it Paolo De Iuliis Via Campobello 7/C 000040 POMEZIA Tel: +0039069124189 Fax: +3906916233112 Email: p.deiuliis@unirelab.it
Japan (JRA)	Laboratory of Racing Chemistry 1731-2 Tsuruta-machi Utsunomiya City Tochigi 320-0851 Japan Tel: +81-28-647-4460 Fax: +81-28-647-4463 Email: i-suda@lrc.or.jp	Dr. Isamu Takizawa	Yes - ISO/IEC 17025 by The Japan Accreditation Board for Conformity Assessment	Dr. Hiroaki Tanabe General Manager of Equine Department Japan Racing Association 11-1 Roppongi 6-Chome Minato-ku, Tokyo 106-8401 Japan Tel: +81-3-5785-7500 Fax: +81-3-5785-7526 Email: Hiroaki_Tanabe@jra.go.jp
Japan (NAR)	Laboratory of Racing Chemistry 1731-2 Tsuruta-machi Utsunomiya City Tochigi 320-0851 Japan Tel: +81-28-647-4455 Fax: +81-28-647-4458 Email: i-suda@lrc.or.jp	Dr. Isamu Takizawa	Yes - ISO 17025	Isao Suda Tel: +81-28-647-4471 Fax: +81-28-647-4463 i-suda@lrc.or.jp
Lebanon	Prof. Dr. Aziz Geahchan Hippodrome du Parc de Beyrouth Avenue Omar Beyhum B.P 116/5518 Beyrouth Tel: +961 1 632 515 Fax: +961 1 632 535 Email: sparca@cyberia.net.lb , sparca.leb@gmail.com			Dr. Salah Alaywan Hippodrome du Parc de Beyrouth Avenue Omar Beyhum B.P 116/5518 Beyrouth Email: sparca@cyberia.net.lb , sparca.leb@gmail.com
Lithuania	National Food & Veterinary Risk Assessment Institutue Lithuania J. Kairiukscio Street 10 LT-08409 Vilnius 21	Newmarket Road Fordham, Cambridgeshire CB7 5 WW Fax: 0044(0)1638720500 Email: info@hfl.co.uk	Yes - by Deutscher Akkreditierungs Rat	Prof. Kazimieras Lukauskas Siesiku St. 19 LT-07170 Vilnius 10 Tel: 00370(5)2404361 Fax: 00370(5)2404362 Email: klukauskas@vet.lt

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Macau	Racing Laboratory Room 704, Block H Macau University of Science & Technology Avenida Wai Long Taipai, Macau Tel: (853)8897-2415, direct line: (853)8897-2637 Fax: (853)2882-5886 Email: yklau@must.edu.mo	Dr. Lau Yee-Kan Danny, Deputy Head of Laboratory	Yes - HOKLAS	Dr. Martin Wainsott Senior Veterinary Surgeon Hipodromo da Taipa, Macau Tel: (853)28821188 ext. 7527 Fax: (853)2882-0032
Mauritius	The Mauritius Turf Club Laboratory Dr. Eugene Laurent Street Port Louis Republic of Mauritius Email: bertrand.baudot@mauritiusturfclub.com	G.J. Bertrand Baudot	Yes - MAURITAS	Dr. Christian Bourdet The Mauritius Turf Club Champ de Mars Port Louis
New Zealand	New Zealand Racing Laboratory Services PO Box 19514 Avondale Auckland 1746 New Zealand Tel: +64 9 828 0470 Fax: +64 9 828 0470 Email: NZRLS@woosh.co.nz	Dr. Geoffrey Beresford		Dr. Andrew Grierson (Veterinary Consultant) PO Box 82 Takanini Auckland 1730 New Zealand Bus Tel: +64 9 299 8932 Home Tel: +64 9 294 8459 Fax: +64 9 298 6343 Mobile: +64 25 924 480 Email: andrew@aucklandvets.co.nz
Panama	Fundacion Universidad de Panama Chief Quemistri: Alexie Brenes Tel: 5072235315 Email: fudep123@cwpanama.net	Alexis Brenes	No	Guido Tunon Tel: 50766118023 Email: tguido9@hotmail.com
Peru	Department of Analysis The Jockey Club of Peru	Laboratory of Analysis Quimico The Jockey Club of Peru Quimico Pharmaceuticals Dr. Vilma Barcelli Zezillos Quimico College N 03512		Dr. Pedro Moreno Sarmiento Av. Olguin S/N Puerta N 5 Hipodromo of Monterrico Tel: 610-3000 Ext. 2293 Fax: 610-3000 Ext. 5004
Poland	Laboratory des Courses Hippiques 15, Rue de Paradis 91370 Verrierres le Buisson Tel: 33 1 69 75 28 28 Fax: 33 1 69 75 28 29	Dr. Yves Bonnaire	Yes - COFRAC	Mr. Andrzej Majcher MVD 00-712 Warszawa ul. Melomanow 8 M 27 Poland

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Saudi Arabia	Central Avenue Research Laboratory Equine Forensic Unit PO Box 597 Dubai United Arab Emirates Tel: 971 4 336 6082 Fax: 971 4 334 9343			Dr. Ahmad Ali A Alaeyari Veterinary Officer PO Box 26323 Riyadh, 11486 , Kingdom of Saudi Arabia Tel: 00966 1 254 0222 Fax: 00966 1 254 0503 Mobile: 00966 55 613 3871 Email: vit3881@gmail.com
Singapore	STC Laboratory 1 Turf Club Avenue Singapore Racecourse Singapore 738078 Tel: +65 68791930 Fax: +65 68791939 Email: shawn_stanley@turfclub.com.sg	Dr. Shawn Stanley	Yes - Singapore Accreditation Council	Dr. Koos VD Berg Singapore Turf Club 1 Turf Club Avenue Singapore Racecourse Singapore 738078 Tel: +65 68791330 Fax: +65 68791349 Email: Koos.VD.Berg@turfclub.com.sg
Slovakia	Deutsche Sporthochschule Koln Institut fur Biochemie Tel: 0049-221-4971313 Fax: 0049-221-4973236 Email: schaenzer@biochem.dshs-koeln.de	Prof. Dr. Wolfgang Schanzer	No	Dr. Jan Horecky Devatinova 16 82106 Bratislava Tel: 004212162319993 Fax: 004212162319993 Email: Dr.Horecky@stonline.sk
South Africa	The National Horseracing Authority of S.A. PO Box 74439 Turffontein 2140 South Africa Tel: +27 11 683 9283 Fax: +27 11 683 3888 Email: lab@nhralaboratory.co.za	Dr. Schalk de Kock Email: schalkdk@nhralaboratory.co.za	Yes - AORC	Dr. Duncan MacDonald The National Horseracing Authority of S.A. PO Box 74439 Turffontein 2140 South Africa Tel: +27 11 683 9283 Fax: +27 11 683 5548 Email: dmmacvet@nhra.co.za
Tunisia	Laboratoire des Courses Hippiques LCH 15 Rue de Paradis 91370 Verrieres le buisson France Tel: +33 (0) 1-69752828 Fax: +33 (0) 1-69752829	Dr. Yves Bonnaire Email: Yves.Bonnaire@free.fr	Yes - COFRAC	Dr. Abderrahman El Beji Commissaire General des Courses Tel: 00 216 98 35 77 11 Fax: 00216654281
Turkey	Etlık Central Veterinary Control and Research Institute Ahmet Sefik Kolaylı Cad. No: 23 06020 Etlık - Ankara/Turkey Tel: +90 312 326 00 90 Fax: +90 312 321 17 55 Email: ehh.o@tr.net and/or etlik@vet.gov.tr	Dr. Nahit Yazicioglu (Director)	Yes - By Turkish Accreditation Agency	Asso. Prof. Dr. Muzaffer Aydemir Ministry of Agriculture and Rural Affairs General Directorate of Protection and Control Akay. Cad. No: 3 Kizilay Ankara, Turkey Tel: +90 312 426 77 89 Fax: +90 312 418 63 18 kkgm@kkgm.gov.tr

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Uruguay	Beltran-Zunino, Juan Paullier 1070-CP 11200 Tel: (598 2) 4018277 Fax: (598 2) 4025156 Email: info@beltranzunino.com	Laura Beltran & Laura Zunino		Jose Cesar Gallero Quadros Tel: (598 2) 5117777- 602 Fax: (598 2) 5117777-601 jgallero@hipicarioplatense.com Jose Maria Guerra 3540 CP 12.000 Montevideo, Uruguay
	Ministry Sports & Tourism 8 de Octubre 3362-CP 11600 Tel: (598 2) 4811054 Fax: (598 2) 4811054 Email: labdop@adinet.com.uy	Carola Stanko		
	Technologic Pole Pando Cno Saravish s/n, Pando, Canelones, Uruguay Tel/Fax: (598 2) 2922021 Email: ale@fq.edu.uy	Dr. Alejandra Rodriguez, PhD		
United States	Pennsylvania Equine Toxicology & Research Laboratory West Chester University Department of Chemistry, 220 E. Rosedale Avenue West Chester, PA 19382 Tel: 610-436-3501 Fax: 610-436-3504	Dr. Cornelius Uboh (Director)	Yes - ISO 17025 AALA	N/A
	University of Florida College of Veterinary Medicine, Racing Laboratory 1200 SW 34th Street, Gainesville, FL 32610 Tel: 352-392-2238 ext. 3720 Fax: 352-846-1052	Dr. Rick Sams	Yes - ISO 17025, NSFTC	N/A
	Industrial Labs, 4046 Youthfield Street Wheat Ridge, CO 80033 Tel: 303-287-9691 Fax: 303-287-0964	Ms. Petra Hartmann	Yes - ISO 17025 AALA	N/A
	Ken Maddy Equine Analytical Lab University of California-Davis CAHFS, University of California, Davis, CA 95616 Tel: 530-752-8735 Fax: 530-754-5588	Dr. Scott Stanley	Yes - ISO 17025 AALA	N/A
	Center for Toxicology Services 1819 W. Drake Avenue, Suite 102 Tempe, AZ 85283 Tel: 602-345-7454	Ms. Jeanne Mahoney	Yes - ISO 17025 AALA	N/A
Venezuela	Pharmacist Martha Sanchez Director Toxicology Laboratory Instituto Nacional de Hipodromos Hipodromo La Rinconada Coche Caracas-Venezuela Tel/Fax: 058-212-6815942 Email: tox_inh@yahoo.com			Dr. Carlos Federico Rodriguez Director Direccion de Servicios Hipicos y Fomento Equino Edificio Sede Hipodromo La Rinconada Coche Caracas-Venezuela Tel/Fax: 058-212-6822282 Email: drcfrgvetfarrier@yahoo.com

COUNTRY	IS THE B-SAMPLE ANALYSIS DONE SYSTEMATICALLY ?	SHOULD TRAINER PAY COST OF B-SAMPLE ANALYSIS?	IS TRAINER INFORMED BEFORE THE B-SAMPLE ANALYSIS?	DOES TRAINER HAVE THE CHOICE OF THE LABORATORY ANALYZING THE B-SAMPLE?	CAN TRAINER NOMINATE AN EXPERT TO WITNESS THE B-SAMPLE ANALYSIS?	IS THE NOMINATED EXPERT AT TRAINER'S EXPENSE?	USE DOMESTICALLY OTHER THRESHOLDS OTHER THAN THOSE LISTED IN ARTICLE 6 OF THE INTERNATIONAL AGREEMENT ON BREEDING, RACING & WAGERING?	IF YES, SPECIFY DETAILS	
Argentina	No	Yes	Yes	No	Yes	No	Yes	Authorities Administration of phenylbutazone & furosemide. Only furosemide is authorized for horses younger than 3 for Group I, II & III races.	
Australia	Yes	No	Yes	No	No	N/A	No		
Austria	No	Yes	Yes	Yes	Yes	Yes	No		
Bahrain	No	Yes	Yes	Yes	No		No		
Belgium	Yes	No	No	Yes	No		No		
Cyprus	No	Yes	Yes	No	No	No	No		
Denmark	Yes	No	Yes	No	No	No	No		
France	Yes	No	No	No	No	Yes/No	No		
Germany	Yes	Yes	Yes	Yes	Yes	Yes	No		
Great Britain	Yes	No	Yes	No	Yes (subject to consent of B-sample)	Yes	Yes	EHSLC RLOD's Analytical Limits of Detection	
Hong Kong	Yes	No	Yes	Yes	Yes	Yes	No		
India	Yes	Yes	Yes	Yes	Yes		Yes	Phenylbutazone: 10 ng/mL of urine; Oxyphenbutazone: 100 ng/mL of urine; Flunixin: 100 ng/mL of urine	
Ireland	No Answer							No	
Italy	Yes	No	Yes	No	Yes	Yes	Yes	TCO2 37 mmol/mL	
Japan (JRA)	Yes	No	No	No	No	No	No		
Japan (NAR)	Yes	No	No	No	No	No	No		
Lebanon	Yes	Yes	No	No	No	No	No		
Lithuania	Yes	No	No	No	No	No	No		
Macau	No	Yes	Yes	Yes	No	No	No		
New Zealand	No	Yes	Yes	No	No	N/A	No		
Panama	Yes	No	Yes	No	Yes	Yes	No		
Peru	Yes	No	Yes	No	Yes	Yes	No		
Poland	No Answer								
Saudi Arabia	No	Yes	Yes	Yes	No		No		
Mauritius	No	Yes	Yes	Yes	Yes	Yes	No		
Singapore	No	Yes	Yes	Yes	No	N/A	No		
Slovakia	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
South Africa	No	Yes	Yes	Yes	No	N/A	No		
Tunisia	No	Yes		Yes	Yes	Yes	No		
Turkey	Yes	No	No	No	Yes	No	No		
Uruguay	No Answer							Yes	Phenylbutazone is authorized except for Grade I, II & III races & in 2-year-old horses. Furosemide is authorized for all races and all horse categories.
United States	No	Yes	Yes	Yes	Yes	Yes	Yes	Varies by state and by analyte.	
Venezuela	Yes	No	No	No	Yes	Yes	No		