



## **2014 REPORT ON PROHIBITED SUBSTANCES**

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



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I. RACING DAY SAMPLES

COUNTRY	TOTAL NUMBER OF RACES (flat & jumps)	TOTAL NUMBER OF HORSES SAMPLE D	HORSES SAMPLE D PRE-RACE	HORSES SAMPLE D POST-RACE	TOTAL BOTH URINE & BLOOD SAMPLE D	BOTH URINE & BLOOD SAMPLE D PRE-RACE	BOTH URINE & BLOOD SAMPLE D POST-RACE	TOTAL URINE ONLY SAMPLE D	URINE ONLY SAMPLE D PRE-RACE	URINE ONLY SAMPLE D POST-RACE	TOTAL BLOOD ONLY SAMPLE D	BLOOD ONLY SAMPLE D PRE-RACE	BLOOD ONLY SAMPLE D POST-RACE	TOTAL NUMBER OF DECLARE D POSITIVE CASES	DECLARE D POSITIVES PRE-RACE	DECLARE D POSITIVES POST-RACE	TOTAL DECLARE D POSITIVE CASES ON URINE	DECLARED POSITIVE CASES ON URINE PRE-RACE	DECLARED POSITIVE CASES ON URINE POST-RACE	TOTAL DECLARE D POSITIVE CASES ON BLOOD	DECLARE D POSITIVE CASES ON BLOOD PRE-RACE	DECLARE D POSITIVE CASES ON BLOOD POST-RACE	TOTAL DECLARE D POSITIVE CASES ON BOTH URINE & BLOOD	DECLARE D POSITIVE CASES ON BOTH URINE & BLOOD PRE-RACE	DECLARE D POSITIVE CASES ON BOTH URINE & BLOOD POST-RACE	SUBSTANCES DETECTED IN OTHER HORSE COMPETITIONS	
Argentina	5,597	11,594	0	11,594	2	0	2	10,896	0	10,896	696	0	696	134	0	134	134	0	134	0	0	0	0	0	0		
Australia	19,511	45,705			0			18,517			27,188			81	1	80	50	0	50	31	1	30	0	0	0		
Austria	38	16			12			0			4			0													
Bahrain		1,457	1,262	195	0	0	0	110	0	110	85	0	85	3	1	2	0	0	0	3		1	2	0	0	0	
Belgium	178	131		131	117			117			14		14	1		1				1			1				
Brazil (Brasileiro)	1,853	3,417		3,417	1,159		1,159	2,177		2,177	81		81	20		20	10		10			6	4		4		
Brazil (Sao Paulo)					2,121			1,771			350			18									18				
Chile														4			4										
China (Hong Kong)	757	11,499	9,504	1,995	1,984	0	1,984	9,405	9,405	0	110	99	11	6	4	2	6	4	2	0	0	0	0	0	0		
Croatia	11	0																									
Cyprus	1,012	1,057	0	1,057	0	0	0	1,057	0	1,057	0	0	0	13	0	13	13	0	13	0	0	0	0	0	0		
Czech Republic		35	0	35	0	0	0	25	0	25	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0		
Denmark																											
France	7,335	11,272	0	11,272	10,023	0	10,023	0	0	0	1,249	0	1,249	25	0	25	21	0	21	4	0	4	0	0	0		
Germany	1,359	471	0	471	0	0	0	359	0	359	112	0	112	2	0	2	2	0	2								
Greece	559	221	0	221	0	0	0	221	0	221	0	0	0	4	0	4	4	0	4	0	0	0	0	0	0		
Hungary	125	125	0	125	91	0	91	2	0	2	32	0	32	1	0	1	0	0	0	1	0	1	0	0	0		
India	3,266	3,848	1,064	2,784	0	0	0	3,453	1,024	2,429	395	355	40	27	5	22	27	5	22	0	0	0	0	0	0		
Ireland	2,489	2,607	0	2,607	0	0	0	1,964	0	1,964	643	0	643	1		1	1		1								
Italy																											
Japan (JRA)	3,454	10,366	0	10,366	1,878	0	1,878	8,208	0	8,208	280	0	280	1	0	1	0	0	0	1	0	1	0	0	0		
Japan (NAR)	12,486	29,619	0	29,619	0	0	0	26,042	0	26,042	3,577	0	3,577	3	0	3	3	0	3	0	0	0	0	0	0		
Lebanon		382	0	382	0	0	0	336	0	336	46	0	46	0	0	0	0	0	0	0	0	0	0	0	0		
Macau	467	1,284	295	989	0	0	0	777	0	777	507	295	212	2	1	1	1	0	1	1	1	0	0	0	0		
Malaysia		10,202	7,970	2,232	2,138	0	2,138	0	0	0	8,064	7,970	94	13	1	12	11	0	11	2	1	1	0	0	0		
Mauritius	363	3,657	3,273	384	384	0	384	0	0	0	3,273	0	3,273	0	0	0	0	0	0	0	0	0	0	0	0		
Mexico	1,477	4,431			3,331			734			366			23			17			0			6				
Morocco	1,611	4,019	0	4,019	6	0	6	2,141	0	2,141	1,872	0	1,872	9	0	9	9	0	9	0	0	0	0	0	0		
the Netherlands	7,767	271			2			115			154			2													
New Zealand	2,838	3,673	661	3,012	0	0	0	2,402	0	2,402	1,271	661	610	3	0	3	2	0	2	1	0	1	0	0	0		
Norway	266	146	4	142	4	4	0	136	0	136	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0		
Panama	1,390	1,560			0			1,290			270			6			6										
Poland	586	134	0	134	14	0	14	90	0	90	30	0	30	1	0	1	1	0	1	0	0	0	0	0	0		
Qatar		689	0	689	4	0	4	660	0	660	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0		
Saudi Arabia	608	1,019			0			796			223			17			12			5			0				
Serbia	49	49			0			41			8			6			4			2							
Singapore	993	13,537	10,564	2,973	2,973	0	2,973	0	0	0	10,611	10,564	47	0	0	0	0	0	0	0	0	0	0	0	0		
Slovakia	160	28	0	28	1	0	1	19	0	19	8	0	8	0			0										
South Africa		4,768	278	4,490	0	0	0	4,156	0	4,156	612	278	334	2	0	2	1	0	1	1	0	1	0	0	0		
Spain		728		728	40		40	576		576	112		112	8		8	3		3	3		3	2		2		
Sweden	622	288	13	275	2	0	2	257	0	257	29	13	16	0	0	0	0	0	0	0	0	0	0	0	0		
Switzerland	207	130			41			43			87			0													
Tunisia	460	479	0	479	0	0	0	277	0	277	202	0	202	10	0	10	7	0	7	3	0	3	0	0	0		
Turkey	5,483	12,047	282	11,765	0	0	0	10,873	0	10,873	1,174	282	892	44	0	44	41	0	41	3	0	3	0	0	0		
United Arab Emirates	376	3,557	2,603	954	66	0	66	855	0	855	2,636	2,603	33	13	2	10	10	0	10	2	2	0	1	0	0		
United Kingdom	10,105	8,298	11	8,287	367	0	367	6,342	0	6,342	1,589	11	1,578	25	0	25	24	0	24	1	0	1	0	0	0		
USA	41,277	161,290		161,290			161,290				77,320			83,970		979											
Uruguay	1,039	3,481	0	3,481	0	0	0	3,446	0	3,446	35	0	35	19	0	19	19	0	19	0	0	0	0	0	0		

**I. RACING DAY SAMPLES**

<b>PROHIBITED SUBSTANCES DETECTED</b>	<b>REACTION ENGENDERED</b>	<b>COUNTRIES OF DETECTION</b>	<b>TOTAL</b>
2,5-Dihydroxybenzenesulfonate (component of etamsylate)	Hemostatic		
2-(1-Hydroxyethyl) Promazine Sulfoxide (Promazine Metabolite)	Neuroleptic, Tranquilizer	BRZ [B] (1)	1
3 Desmethyl Thiocolchicine	Muscle relaxant, anti-inflammatory	TUN (1)	1
3-Hydroxylidocaine (metabolite of lidocaine)	Local Anesthetic	AUS (2), CYP (1), MEX (1)	4
3-hydroxy-N-methylmorphinan	Opioid	MAL (3)	3
3-OH-Lidocaine (Lidocaine metabolite)	Local Anesthetic		
3-methoxytyramine (metabolite of dopamine)	Various function in nervous system	TUR (1)	1
4-(Dimethylamino)-antipyrine	Analgesic		
4-Aminoantipyrine	Analgesic		
4-Hydroxy Xylazine (Xylazine Metabolite)	Sedative, Analgesic	AUS (2)	2
4-Methyl-Aminoantipyrine	Analgesic		
4-Methyl-Aminoantipyrine, Phenylbutazone, oxyphenbutazone	Analgesic, Anti-Inflammatory	BRZ [SP] (1)	1
4-Methylamino Phenazone			
4-OH Propranolol	Beta Blocker	UK (1)	1
5-Alpha-estrane 3-beta 17-Alpha-diol and nandrolone			
6 alpha-methylprednisolone			
9-carboxy-11-nor-delta-9-TCH	Active principle of marijuana		
16 beta-idrossistanazolol	Anabolic		
20-Beta-dihydro-prednisolone	Glucocorticoid, Anti-Inflammatory		
Aicar	Blood Doping		
Acenocoumarol	Anti-Coagulant, Vitamin K Antagonist		
Acepromazine	Tranquilizer	ARG (10)	10
Acepromazine metabolites	Tranquilizer	FR (2)	2
Acepromazine, Hydroxyethyl Promazine Sulphoxide	Tranquilizer, Neuroleptic	AUS (1)	1
Acepromazine, flunixin	Tranquilizer, Anti-Inflammatory, Analgesic		
Acetaminophen	Analgesic		
Acetophenazine	Antipsychotic		
Acide 2- Tenoique	Local antiseptic	TUN (1)	1
Albuterol	Bronchodilator		
Alfentanil	Opioid, Analgesic		
Alprazolam	Anxiolytic, Sedative, Muscle Relaxant (skeletal)		
Altrenogest	Progestogen		
Ambroxol	mucolytic agent	ARG (1)	1
Ambroxol, furosemide	mucolytic agent, diuretic	BRZ [SP] (1)	1
Aminocaproic Acid	Hemostatic	ARG (1)	1
Aminorex	Stimulant		
Amitriptyline	Tricyclic Anti-Depressant		

Amphetamine	Stimulant		
Andarine (S-4)	Selective Androgen Receptor Modulator	AUS (4)	4
Antipyrine	Antipyretic, Analgesic		
Antipyrine, Dipyrrone	Analgesic, Antispasmodic	TUR (1)	1
Arsenic	Toxic element	AUS (1), FR (1), HK (5)	7
Atenolol	Beta-1 Receptor Antagonist	ARG (2), IND (5), SPA (1)	8
Atenolol and Diclofenac	Beta-1 Receptor Antagonist, anti-inflammatory		
Atenolol and Phenylbutazone	Beta-1 Receptor Antagonist, Analgesic, Anti-Inflammatory	IND (1)	1
Atropine	Anticholinergic	ARG (1)	1
Barbital	Hypnotic		
BEG			
Benzocaine	Topical Anesthetic		
Benzoylcegonine	CNS Stimulant	BRZ [B] (1)	1
Benzoylcegonine ecgonine methyl ester	CNS Stimulant		
Betamethasone	Glucocorticoid, Anti-Inflammatory	AUS (1), CYP (1), TUR (5)	7
Betamethasone, dexamethasone	Glucocorticoid, Anti-Inflammatory		
Boldenone	Anabolic	IND (2), JPN [NAR] (1), MEX (2)	5
Boldenone Sulphate (metabolite of boldenone)	Anabolic		
Boldenone, Flunixin	Anabolic, Anti-Inflammatory, Analgesic		
Bromazepam	Minor Tranquilizer	ARG (2)	2
Bromhexine	Expectorant, Mucolytic		
Bupivacaine	Local Anesthetic		
Buspirone	Anxiolytic		
Butazolidine, furosemide	NSAID, Diuretic		
Butorphanol	Analgesic, Antitussive	ARG(2), BRZ [B] (1)	3
Butylscopolamine	Antispasmodic, Muscarinic Antagonist		
Butylscopolammonium	Anti-Spasmodic		
Butylscopolammonium bromide	Anti-Spasmodic		
BZEG (metabolite of cocaine)	Local Anesthetic	ARG (1)	1
Caffeine	Cardiac & Respiratory Stimulant	ARG (19), AUS (1), BRZ [SP] (2), FR (1), JPN [JRA] 1, JPN [NAR] (1), MAL (1), PAN (5), SAF (1), SER (1), TUR (1), UK (2), URU (7)	43
Caffeine, Mephentermine			

Caffeine nikethamide	Cardiac & Respiratory Stimulant		
Caffeine metabolites	Cardiac & Respiratory Stimulant	BRZ [B] (1)	1
Caffeine, Theophylline	Cardiac & Respiratory Stimulant, Cardiac Stimulant, Vasodilator, Diuretic	BRZ [SP] (1)	1
Caffeine, Clenbuterol, Firocoxib			
Caffeine, cyproheptadine, paraxanthine, theophylline	Cardiac & Respiratory Stimulant; Antihistaminic, Antipruritic, Sedative; Vasodilator, Diuretic		
Caffeine, Dexametasone, 4-Aminoantipyrine, 4-Methyl-Aminoantipyrine	Cardiac & Respiratory Stimulant, Glucocorticoid, Anti-Inflammatory, Analgesic		
Caffeine, theobromine, theophylline	Cardiac & Respiratory Stimulant, Myocardial Stimulant, Vasodilator, Diuretic		
Caffeine, paraxanthine (caffeine metabolite), theobromine, theophylline	Cardiac & Respiratory Stimulant, Myocardial Stimulant, Vasodilator, Diuretic	AUS (2)	2
Caffeine, theobromine	Cardiac & Respiratory Stimulant, Myocardial Stimulant, Weak Diuretic	TUN (1)	1
Caffeine, theophylline	Cardiac & Respiratory Stimulant, Vasodilator, Diuretic	GRE (1)	1
Capsaicin	Topical Analgesic	BRZ [B] (1), FR (1), KSA (2)	4
Capsaicin, dihydrocapsaicin	Topical Analgesic		
Carbazochrome	Antihemorrhagic	BRZ [B] (1), MEX (1)	2
Carisoprodol	Muscle Relaxant		
Cetirizine	Anti-Histamine		
Chlorpropamide	Antidiabetic		
Chlorphenamine	Antiallergic Agent, Antihistaminic	ARG (1), CHI (2), MEX (1)	2
Chlorpromazine	Antipsychotic	TUR (1)	1

Chlorothiazide			
Cimetidine	Anti-Ulcerative	UK (1)	1
Clanobutin	Apetite Stimulant		
Clenbuterol	Bronchodilator	ARG (18), AUS (1), BRZ [B] (2), BRZ [SP] (1), FR (1), KSA (3), MEX (11), URU (6)	43
Clenbuterol, dembrexine	Bronchodilator, Expectorant, Mucolytic		
Clenbuterol, Firocoxib, Ketoprofen			
Clenbuterol, formoterol, heptaminol, furosemide, phenylbutazone, mono-hydroxylated, stanozolol metabolite	Bronchodilator; Cardiotonic; Diuretic; Analgesic, Anti-Inflammatory; Anabolic Steroid		
Clenbuterol, Ractopamine	Bronchodilator, Beta-2 Adrenoceptor Agonist, Growth Stimulant		
Clonixin	Analgesic, Antipyretic, NSAID		
Cobalt		AUS (5), BRZ [B] (1), TUN (1)	7
Cocaine	CNS Stimulant, Topical Anesthetic		
Codeine	Opioid Analgesic, Antitussive, Antidiarrheal		
Cortivazol	Glucocorticoid		
Cromolyn	Anti-Bleeder		
Cyproheptadine	Antihistaminic, Antipruritic, Sedative		
Darbepoetin	EPO Stimulating Agent		
Dehydronorketamine, norketamine, ketamine	Local Anesthetic, Analgesic	CYP (2)	2
Delmadinone Acetate	Steroidal Progestin	TUN (1)	1
Dembrexine	Expectorant, Mucolytic	UAE (1), UK (1)	2
Desvenlafaxine	Antidepressant, Serotonin-Norepinephrine Reuptake Inhibitor	AUS (3), IND (3)	6
Dexamethasone	Glucocorticoid, Anti-Inflammatory	ARG (5), AUS (2), BRZ [B] (1), FR (5), KSA (5), SER (1), TUN (2), TUR (3)	24
Dexamethasone, diclofenac	Glucocorticoid, Anti-Inflammatory		
Dexamethasone, Methylprednisolone	Glucocorticoid, Anti-Inflammatory	TUR (1)	1
Dextromethorphan	Antitussive		
Dextropropoxyphene	Analgesic		

Detomidine	Sedative, Analgesic		
Diazepam	Anxiolytic, Sedative, Muscle Relaxant (skeletal)		
Diazepam and Oxazepam	Anxiolytic, Sedative, Muscle Relaxant (skeletal), Tranquilizer (minor)	URU (1)	1
Diclofenac	Anti-Inflammatory	GER (1), TUR (1), UK (1)	3
Digoxin	Cardiac glycoside	ARG (1)	1
Di-isopropylamine Dichloroacetate	Vasodilator		
Dimethyl Sulfoxide (DMSO)	Anti-Inflammatory, Analgesic	MOR (1), TUR (6)	7
Diphenhydramine	Anti-Histamine	ARG (1), UAE (2)	3
Dipyrone	Analgesic, Antispasmodic	BRZ [B] (1), MOR (1), TUR (1)	3
Dipyrone, Phenylbutazone	Analgesic, Antispasmodic, Anti-Inflammatory		
Dyphylline	Bronchodilator	TUR (1)	1
Ephedrine	Sympathomimetic Agent, Bronchodilator	ARG (3), JPN [NAR] (1)	4
Ephedrine, phenylpropanolamine, pseudoephedrine			
Ergonovine	Reduces uterine bleeding after delivery		
Estranediol	Anabolic, androgenic steroid	KSA (1), POL (1)	2
Estranediol, Methandriol	Anabolic Steroid, Androgen	KSA (1)	1
Estranediol, Nandrolone	Androgenic steroid, Anabolic	AUS (1)	1
Etamsylate	Hemostatic	FR (2)	2
Ethacrynic Acid	Diuretic	AUS (1)	1
Ethanol	Psychoactive		
Ethanol Glucuronide	Psychoactive		
Ethylephedrine	Bronchodilator		
Etilefrine			
Etodolac	NSAID		
Etofylline	Bronchodilator		
Etoricoxib	COX-2 Selective Inhibitor		
Famotidine	Histamine H2-Receptor Antagonist, Anti-Ulcerative		
Fentanyl	analgesic, tranquilizer, general anesthetic	ARG (1)	1
Firocoxib	Anti-Inflammatory		
Flufenamic acid	NSAID	TUR (1)	1
Flunixin	Anti-Inflammatory, Analgesic	ARG (6), BEL (1), FR (2), KSA (1), MEX (3), MOR (4), PAN (1)	18

Flunixin, Hydrochlorothiazide	Anti-Inflammatory, Analgesic, Diuretic	MOR (1)	1
Flunixin, Ibuprofen	Anti-Inflammatory, NSAID		
Flunixin Meglumine	Anti-Inflammatory, Analgesic		
Flunixin, Methocarbamol	Anti-Inflammatory, Muscle Relaxant (Skeletal)		
Flunixin, pentazocine	Anti-Inflammatory, Analgesic		
Flumethasone	Glucocorticoid, Anti-Inflammatory		
Fluphenazine	Neuroleptic		
Formoterol	Bronchodilator	ARG (1)	1
Furosemide	Diuretic	AUS (3), BRZ [B] (3), TUN (1)	7
Furosemide, Flunixin	Diuretic, Anti-Inflammatory, Analgesic		
Furosemide, Stanozolol	Diuretic, Anabolic Steroid		
Furosemide, Paracetamol, Ephedrine, Chlorpheniramine and Hydroxychlorpheninamine	Diuretic, Analgesic, Sympathomimetic Agent, Bronchodilator, Antiallergic Agent, Antihistaminic		
Gabapentin	Analgesic	AUS (1)	1
Gamma-hydroxyphenbutazone, Phenylbutazone, oxyphenbutazone	Analgesic, Anti-Inflammatory	HK (1)	1
Ginsenoside RGL			
Glaucine	Anti-inflammatory, Bronchodilatory		
Glycopyrrolate	Anticholinergic	ARG (1)	1
Guaifenesin (also metabolite of methocarbamol)	Antitussive, Muscle Relaxant	ARG (2)	2
Guanabenz	Antihypertensive	ARG (14)	14
Halazepam	Anxiolytic, Anticonvulsant, Sedative, Skeletal Muscle Relaxant		
Harpagoside	Anti-inflammatory		
HEPS	Tranquilizer		
Heptaminol	Cardiotonic	CYP (1), SER (1), TUR (1)	3
Heptaminol, diprophylline	Cardiotonic, Bronchodilator		
Hydrochlorothiazide	Diuretic	FR (3), KSA (1), MOR (1)	5
Hydrocortisone	Glucocorticoid	AUS (2), GRE (1)	3
Hydrocortisone, hydrocortisone hemisuccinate	Glucocorticoid, Adrenal Cortex Hormone		
Hydromorphone	Opioid Analgesic		
Hydroxy Aminorex	Stimulant		
Hydroxy-Bupivacaine (Bupivacaine metabolite)	Local Anesthetic	SPA (1)	1
Hydroxy Dantrolene	Muscle Relaxant	FR (1)	1
Hydroxy Diphenhydramine	Antihistamine		
Hydroxy Lidocaine	Local Anesthetic	FR (1), IND (1)	2



Hydroxy-Mepivacaine	Local Anesthetic		
Hydroxymepivacaine, Mepivacaine	Local Anesthetic		
Hydroxy Phenytoin	Anticonvulsant		
Hydroxyethyl Promazine Sulfoxide (Promazine Metabolite)	Neuroleptic, Tranquilizer	AUS (1)	1
Hydroxyprogesterone Caproate	Synthetic, Steroidal Progestin	HUN (1)	1
Hydroxystanozolol			
Hydroxyxylazine	Sedative, Analgesic	BRZ [B] (1)	1
Ibuprofen	NSAID	AUS (5), BRZ [B] (1), UAE (2)	8
Ibuprofen, Isoxuprine	NSAID, Vasodilator		
Indomethacin	NSAID	MAC (1)	1
Ipratropium	Bronchodilator	AUS (3)	3
Isoflupredone	Anti-inflammatory		
Isoflupredone, Amphetamine	Anti-inflammatory, Stimulant		
Isoxuprine	Vasodilator	ARG (2), AUS (1), IND (1)	4
Ketamine	Anesthetic, Analgesic, Sedative	CYP (2)	2
Ketoprofen	Analgesic, Anti-Inflammatory	AUS (1), BRZ [SP] (1), FR (2), TUR (1)	5
Ketoprofen, Furosemide	Analgesic, Anti-Inflammatory, Diuretic	BRZ [SP] (2)	2
Ketoprofen, Furosemide, Flunixin	Analgesic, Anti-Inflammatory, Diuretic, Anti-Inflammatory, Analgesic	BRZ [SP] (2)	2
Ketorolac	NSAID		
Lamotrigine	Anticonvulsant	IND (1)	1
Levamisole	Stimulant		
Levomepromazine	Analgesic, Antiemetic		
Levomepromazine metabolite	Analgesic, Antiemetic	TUN (1)	1
Levorphanol, dextrophan	Opioid Analgesic, Psychoactive		
Lidocaine	Local Anesthetic	ARG (1), TUR (1), URU (1)	3
Lidocaine, 3-Hydroxylidocaine (metabolite of lidocaine)	Local Anesthetic	AUS (1)	1
Lobeline	Respiratory Stimulant		
Madophiline			
Mefenamic Acid	NSAID	SER (1)	1
Meloxicam, phenylbutazone	NSAID, analgesic, anti-inflammatory		
Meloxicam	NSAID, analgesic	ARG (2), AUS (1), BAH (2), UK (1)	6
Menthol	Anesthetic		
Mephentermine	Cardiac Stimulant		
Mephentermine, 3-OH-Lidocaine (Lidocaine metabolite)	Cardiac Stimulant, Local Anesthetic		

Mephentermine, Phentermine, Boldenone	Cardiac Stimulant, Anorexic, Stimulant, Anabolic		
Mepivacaine	Local Anesthetic		
Meprobamate	Anxiolytic (Metabolite of Carisoprodol, a Skeletal Muscle Relaxant)		
Meprobamate, Levamisole	Anxiolytic (Metabolite of Carisoprodol, a Skeletal Muscle Relaxant), Stimulant		
Metenolone	Anabolic Steroid, Androgen		
Methamphetamine	Central Nervous System Stimulant	NZ (1)	1
Methandriol	Anabolic Steroid, Androgen		
Methenolone	Anabolic Steroid, Androgen properties	TUR (1)	1
Methocarbamol	Muscle Relaxant (Skeletal)	ARG (11), AUS (1), BRZ [SP] (2), TUR (1)	15
Methocarbamol, Flunixin	Muscle Relaxant (Skeletal), Anti-Inflammatory, Analgesic	BRZ [SP] (1)	1
Methocarbamol, Furosemide	Muscle Relaxant (Skeletal), Diuretic	BRZ [SP] (1)	1
Methocarbamol, Ketoprofen	Analgesic, Anti-Inflammatory, Muscle Relaxant (Skeletal)	BRZ [SP] (2)	2
Methylhexanamine	Stimulant		
Methylprednisolone	Glucocorticoid, Anti-Inflammatory	BRZ [SP] (1), TUR (4), UK (1)	6
Methylsulfonylmethane	Anti-Inflammatory, Analgesic		
Metoprolol	Beta Blocker, Antianxiety	SPA (2)	2
Midazolam	Sedative, Anxiolytic Amnesic	BRZ [B] (1)	1
Midodrine	Alpha-adrenergic agonist	TUR (1)	1
Minoxidil	anti-hypertensive	CYP (1)	1
Morphine	Analgesic (narcotic)	UAE (1)	1
Morphine, Codeine	Analgesic (narcotic), Opioid Analgesic, Antitussive, Antidiarrheal	UK (2)	2
Morphine, Oripavine	Analgesic (narcotic), Opioid Analgesic	UK (7)	7

Morphine/Codeine/Oripavine	Analgesic (narcotic), Opioid Analgesic, Antitussive, Antidiarrheal, Opioid Analgesic		
Nabumetone	NSAID		
Nalbuphine	Narcotic Analgesic, Opioid	ARG (1)	1
Nandrolone	Anabolic		
Naproxen	NSAID	ARG (1), TUR (1)	2
N-ethyl nicotinamide	Vitamin B3 B5 + C		
Naftidrofuryl	Spasmolytic		
Niketamide	Respiratory Stimulant, Analeptic	ARG (1)	1
Nimesulide (metabolite)	NSAID, Analgesic, Antipyretic		
Nordazepam and oxazepam			
Nordazepam	Anxiolytic, Tranquilizer (minor), Metabolite of Diazepam	NZ (1)	1
Norephedrine (also metabolite of ephedrine)	Sympathomimetic Agent, Bronchodilator		
Norketamine	Anesthetic, Analgesic, Sedative		
O-desmethyl pyrilamine (pyrilamine metabolite)	Anti-Histaminic		
Omeprazole	Gastric Secretory Inhibitor, Anti-Ulcerative	UK (3)	3
Omeprazole, cemitidine	Gastric Secretory Inhibitor, Anti-Ulcerative		
Omeprazole, hydroxyomeprazole	Gastric Secretory Inhibitor, Anti-Ulcerative		
Orphenadrine	Antihistaminic, Muscle Relaxant (skeletal)	ARG (3), UAE (2), URU (2)	7
Orthocetamol	Analgesic		
Oxazepam (also metabolite of diazepam)	Tranquilizer (minor)	ARG (9), BRZ [B] (1), FR (1)	11
Oxilofrine	Stimulant, Amphetamine		
Oxycodone	Opioid Analgesic		
Oxymetazoline	Topical Decongestant, Vasoconstrictor		
Oxymorphone	Opioid Analgesic		
Oxyphenbutazone (also metabolite of phenylbutazone)	Anti-Inflammatory, Analgesic	ARG (13), AUS (1), NZ (1)	15
Parahydroxyephedrine	Adrenergic	ARG (2)	2
Pemoline	CNS Stimulant	ARG (1)	1
Pentazocine	Narcotic Analgesic	IND (5)	5
Pentoxifylline	Vasodilator		

Pentoxifylline, Triamcinolone acetonide	Vasodilator, Glucocorticoid, Anti-Inflammatory		
Penicillin G	Antibiotic		
Phentermine	Anorexic, Stimulant		
Phenylbutazone	Analgesic, Anti-Inflammatory	ARG (15), NZ (1), SER (2), SPA (2), URU (2)	22
Phenylbutazone, oxyphenbutazone	Analgesic, Anti-Inflammatory	AUS (6), CYP (2), MAL (8), MOR (1), NET (1), UK (2)	20
Phenylbutazone, oxyphenbutazone, dexamethasone	Analgesic, Anti-Inflammatory; Glucocorticoid	CYP (1)	1
Phenylbutazone, oxyphenbutazone, Ketamine	Analgesic, Anti-Inflammatory, Anesthetic, Analgesic, Sedative	CYP (1)	1
Phenylbutazone, oxyphenbutazone, Meloxicam	Analgesic, Anti-Inflammatory, NSAID		
Phenylbutazone, oxyphenbutazone, flunixin, lidocaine	Analgesic, Anti-Inflammatory, Local Anesthetic		
Phenylpropanolamine	Stimulant, Decongestant, Appetite Suppressant		
Phenytoin	Anticonvulsant		
Picrotoxin	Stimulant, Convulsant		
Polyethylene glycol	Ointment and Suppository Base		
Prednisolone	Glucocorticoid, Anti-Inflammatory	ARG (1)	1
Prednisolone, 20-Beta-dihydro-prednisolone	Glucocorticoid, Anti-Inflammatory	AUS (1)	1
Prednisolone, methylprednisolone	Glucocorticoid, Anti-Inflammatory		
Prednisolone, prednisone	Glucocorticoid, Anti-Inflammatory		
Prednisone	Glucocorticoid, Anti-Inflammatory		
Probenecid	Uricosuric		
Procaine	Local Anesthetic	ARG (2), CHI (2), CYP (1), TUR (2)	7
Procaine, Chlorpheniramine	Local Anesthetic, Antiallergic Agent, Antihistaminic		
Procaine, promethazine	Local Anesthetic, Antihistamine		
Procaine, trimethoprim	Local Anesthetic, Antibiotic		
Promazine	Neuroleptic, Tranquilizer		
Propantheline	Antispasmodic Agent, Gastric Inhibitor	SAF (1)	1

Propoxyphene	Analgesic (narcotic)	UAE (2)	2
Propoxyphene metabolites	Analgesic (narcotic)		
Protopanaxatriol			
Pseudoephedrine, Chlorpheniramine, Phenylbutazone, Oxyphenbutazone	Decongestant, Antiallergic Agent, Antihistaminic, Analgesic, Anti-Inflammatory		
Pyrilamine	Anti-Histaminic		
Pyrilamine metabolites	Anti-Histaminic	KSA (1)	1
Pyrilamine, Clenbuterol	Anti-Histaminic, Bronchodilator		
Quinidine	Anti-Arrhythmic		
Ractopamine	Beta-2 Adrenoceptor Agonist, Growth Stimulant		
Ractopamine, Hydroxyzine	Beta-2 Adrenoceptor Agonist, Growth Stimulant, H1 Antagonist, Analgesic		
Ranitidine	Histamine H2-Receptor Antagonist, Anti-Ulcerative	IND (1), TUR (1), UK (1)	3
Recombinant Human EPO	Blood Doping	MAC (1)	1
Reserpine	Tranquilizer, Hypotensive		
Romifidine	Sedative, Analgesic		
Salbutamol	B2-Adrenergic Receptor Agonist	IRE (1), MAL (1)	2
Salbutamol, flunixin	B2-Adrenergic Receptor Agonist, Anti-Inflammatory, Analgesic		
Salicylic Acid (metabolite of aspirin)	Anti-Inflammatory		
Scopolamine	Muscarinic Antagonist	AUS (1)	1
Sildenafil	Vasodilator	ARG (1)	1
Snake venoms	Various, Cobratoxin is an Analgesic Substance		
Sotalol	Beta Blocker, Antiarrhythmic	NET (1)	1
Stanozolol	Anabolic Steroid	IND (2), KSA (1)	3
Stanozolol metabolites	Anabolic Steroid		
Strychnine	Tonic, Central Stimulant	ARG (2), TUR (1)	3
Sulfadiazine	antibiotic		
Synephrine			
TCO2	Bicarbonate	AUS (18), BAH (1), UAE (1)	20
Temazepam	Sedative, Hypnotic	NZ (1)	1
Terbutaline	Bronchodilator		

Testo > seuil			
Testosterone	Androgen	AUS (7), BRZ [B] (1), FR (3), GRE (2), MAL (1), UK (2)	16
Testosterone Propionate	Androgen, Anabolic Steriod		
Tetramisole, pemoline	CNS Stimulant		
Theobromine	Myocardial Stimulant, Weak Diuretic	FR (1)	1
Theophylline	Cardiac Stimulant, Vasodilator, Diuretic	ARG (5), FR (1), TUN (1), TUR (3)	9
Thioridazine	Neuroleptic	ARG (1)	1
Thorazine	Antipsychotic		
Tiaprofenic Acid	NSAID		
Tramadol	Analgesic		
Tranexamic acid	Hemostatic	ARG (3)	3
Triamcinolone	Glucocorticoid, Anti-Inflammatory	SER (1)	1
Triamcinolone acetonide	Glucocorticoid, Anti-Inflammatory	BRZ [B] (1), FR (2), GER (1), KSA (1)	5
Trichlormethiazide	Diuretic	BRZ [B] (1)	1
Tripelennamine	Anti-Histaminic		
Valdecoxib			
Vedaprofene			
Verapamil	Anti-Arrhythmic Agent		
Xylazine	Sedative, Analgesic	ARG (1), SPA (2)	3
Xylometazoline			
Yohimbine	Stimulant		
Zilpaterol	Beta-2 Adrenoceptor Agonist, Growth Stimulant	MEX (4)	4
Zuclopenthixol	Antipsychotic		

I. RACING DAY SAMPLES

COUNTRY	TOTAL POSITIVE CASES	IS THE HORSE INVOLVED SYSTEMATICALLY DISQUALIFIED?	DO YOU APPLY SCREENING LIMITS FOR THERAPEUTIC SUBSTANCES?	DO YOU PUBLISH SCREENING LIMITS?	DO YOU PUBLISH DETECTION TIMES?	OBSERVATIONS/REMARKS
Argentina	134	Yes	Yes	No	Yes	
Australia	81	Yes	Yes	Yes	No	
Austria	0	Yes	No	No	No	Our samples are sent to LCH Paris, there is no laboratory in Austria and therefore we are following the advice of LCH.
Bahrain	3	Yes	Yes	No	No	
Belgium	1	Yes	Yes	No	No	
Brazil (Brasileiro)	20	Yes	Yes	No	Yes	
Brazil (Sao Paulo)	18	Yes	No	No	No	Screening limits are those recommended by the IFHA
Chile	4	Yes	No	No	No	
China (Hong Kong)	6	Yes	Yes	No	No	
Croatia	0	Yes	Yes	Yes	Yes	
Cyprus	13	Yes	No	No	No	
Czech Republic	0	Yes	No	No	No	
Denmark						
France	25	Yes	Yes	No	Yes	
Germany	2	Yes	No	No	Yes	
Greece	4	Yes	Yes	No	No	
Hungary	1	Yes	Yes	Yes	No	
India	27	Yes	Yes	Yes	No	
Ireland	1	Yes	Yes	No	Yes	
Italy						
Japan (JRA)	1	Yes	Yes	No	No	Starting this year (2015) we now publish both the Screening Limits and the Detection Times, but they were not published in 2014
Japan (NAR)	3	Yes	Yes	No	No	Starting this year (2015) we now publish both the Screening Limits and the Detection Times, but they were not published in 2014
Lebanon	0	Yes	No	No	No	
Macau	2	Yes	Yes	Yes	No	
Malaysia	13	Yes	Yes	No	No	
Mauritius	0	Yes	Yes	Yes	No	
Mexico	23	No	No	No	Yes	
Morocco	9	Yes	Yes	Yes	No	
the Netherlands	2	Yes	Yes	Yes	No	
New Zealand	3	Yes	No	No	No	
Norway	0	Yes	Yes	No	Yes	
Panama	6	Yes	Yes	Yes	No	
Poland	1	Yes	No	No	No	
Qatar	0	Yes	Yes	Yes	Yes	
Saudi Arabia	17	Yes	Yes	No	No	
Serbia	6	Yes	Yes	No	No	
Singapore	0	Yes	No	No	Yes	
Slovakia	0	Yes	No	No	No	
South Africa	2	Yes	Yes	Yes	Yes	
Spain	8	No	Yes	Yes	No	
Sweden	0	Yes	Yes	No	No	
Switzerland	0	Yes	No	No	No	
Tunisia	10	Yes	Yes	Yes	No	
Turkey	44	Yes	Yes	Yes	No	
United Arab Emirates	13	Yes	Yes	No	No	
United Kingdom	25	Yes	Yes	No	Yes	
USA	979	Varies	No	No	No	Disqualification varies by state, no screening limits or detection times.
Uruguay	19	Yes	No	No	No	

**II. TESTING IN TRAINING**

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	DECLARED POSITIVE CASES IN URINE & BLOOD	OBSERVATIONS/REMARKS
Argentina	0								
Australia	2,292	0	130	2,162	6	5	1	0	
Austria	10	8		2	0				
Bahrain	0								
Belgium	0								
Brazil (Brasileiro)	0								
Brazil (Sao Paulo)	0								
Chile	0								
China (Hong Kong)	1,546	55	578	913	14	1	13	0	These samples include those collected from racehorses newly arrived in Hong Kong. None of the positive findings involved confirmed unauthorised treatment.
Croatia	0								
Cyprus	0								
Czech Republic	0	0	0	0	0				
Denmark									
France	919	796	0	123	4	4	0	0	Out of training control: 103 horses sampled: 0 positive case
Germany	56	0	50	6	0				
Greece	13	0	13	0	0				
Hungary	0								
India	1,064	0	1,024	40	5	5	0	0	
Ireland	151	0	15	136	1	0	1	0	
Italy									
Japan (JRA)	4,190	0	0	4,190	1	0	1	0	
Japan (NAR)	0								
Lebanon	0								
Macau	27	0	27	0	0				
Malaysia	19	19	0	0	5	5	0	0	
Mauritius	284	0	227	57	2	2	0	0	
Mexico	0								
Morocco	0								
the Netherlands	0								
New Zealand	26	0	0	26	0				
Norway	21	0	0	21	0	0	0	0	
Panama	0								
Poland	0								
Qatar	0								
Saudi Arabia	0								
Serbia	0								
Singapore	85	76	0	9	0				
Slovakia	0								
South Africa	430	0	0	430	6	0	6	0	
Spain	110			110	8		8		
Sweden	32	0	0	32	0				
Switzerland	11	9	0	2	2	2			
Tunisia	0								
Turkey	0								
United Arab Emirates	412	1	105	307	2	1	0	1	
United Kingdom	1,169	0	0	1,169	0	0	0	0	31 Hair samples also taken
<b>USA</b>	<b>2,216</b>				<b>7</b>				
Uruguay	0								

7 Countries



**II. TESTING IN TRAINING**

<b>PROHIBITED SUBSTANCES DETECTED</b>	<b>REACTION ENGENDERED</b>	<b>COUNTRIES OF DETECTION</b>	<b>TOTAL</b>
3-hydroxy-N-methylmorphinan	Opioid	MAL (4)	4
16 beta-idrossistanozolol	Anabolic		
Acepromazine	Tranquillizer		
Acepromazine metabolites	Tranquillizer	FR (3)	3
Acepromazine-Hydroxyethylpromazine (Acepromazine metabolite)	Tranquillizer		
Ambroxol	mucolytic agent		
Ambroxol, Tranexamic acid	mucolytic agent, Hemostatic	HK (1)	1
Aminorex	Stimulant		
Andarine (S-4)	Selective Androgen Receptor Modulator	AUS (1)	1
Arsenic	Toxic element	HK (1)	1
Arsenic, dexamethasone, oxyphenbutazone, phenylbutazone	Glucocorticoid, Anti-Inflammatory, Analgesic		
Atenolol	Beta-1 Receptor Antagonist	FR (1)	1
Betamethasone	Analgesic		
Betamethasone, hydroxyomeprazole, omeprazole, oxyphenbutzone, phenylbutazone	Glucocorticoid, Anti-Inflammatory, Analgesic, Gastric Secretory Inhibitor, Anti-Ulcerative		
Boldenone	Anabolic	IND (1), SWI (2)	3
Butorphanol	Analgesic, Antitussive		
Butorphanol, clenbuterol, hydroxydetomidine	Analgesic, Antitussive, Bronchodilator, Sedative		
Butorphanol, flumetasone, omeprazole, oxyphenbutazone and phenylbutazone			
Butylscopolammonium	Anti-Spasmodic		
Clenbuterol	Bronchodilator		
Clenbuterol, dembrexine	Bronchodilator, Expectorant, Mucolytic		
Clenbuterol, hydroxyomeprazole, meloxicam	Bronchodilator, Gastric Secretory Inhibitor, Anti-Ulcerative, NSAID, analgesic		
Clenbuterol, Oxyphenbutazone, phenylbutazone	Bronchodilator, Anti-Inflammatory, Analgesic	HK (1)	1
Dembrexine	Expectorant, Mucoytic		
Dexamethasone	Glucocorticoid, Anti-Inflammatory	SPA (1)	1
Dexamethasone, oxyphenbutazone, phenylbutazone	Glucocorticoid, Anti-Inflammatory, Analgesic		
Diazepam	Anxiolytic, Sedative, Muscle Relaxant (skeletal)		
Diazepam, nordazepam, temazepam	Anxiolytic, Sedative, Muscle Relaxant (skeletal)		
Diclofenac	Anti-Inflammatory	SPA (1)	1
Ephedrine Phenylpropanolamine pseudoephedrine			
Ethylestrenol	anabolic steroid		
Flumethasone	Glucocorticoid, Anti-Inflammatory		
Flunixin	Anti-inflammatory	SAF (2)	2
Flunixin, Hydroxyxylazine	Anti-inflammatory, Sedative, Analgesic	HK (1)	1
Fluphenazine	Neuroleptic		
Furosemide	Diuretic	UAE (1)	1
Heptaminol	Cardiotonic		
Hydrochlorothiazide	Diuretic		
Hydrocortisone	Corticosteriod		
Hydroxy Lidocaine	Local Anesthetic		
Hydroxychlorpheniramine	Antihistamine		
Hydroxyethylpromazin			
Hydroxymepivacaine, hydroxyomeprazole, omeprazole, oxyphenbutazone, phenylbutazone	Local Anesthetic, Gastric Secretory Inhibitor, Anti-Ulcerative, Anti-Inflammatory, Analgesic		
Hydroxyomeprazole, omeprazole	Gastric Secretory Inhibitor, Anti-Ulcerative	HK (5)	5
Hydroxyomeprazole, omeprazole, Dexamethasone	Gastric Secretory Inhibitor, Anti-Ulcerative, Glucocorticoid, Anti-Inflammatory	HK (1)	1
Hydroxyomeprazole, omeprazole, hydroxydantrolene	Gastric Secretory Inhibitor, Anti-Ulcerative, muscle relaxant		

**II. TESTING IN TRAINING**

<b>PROHIBITED SUBSTANCES DETECTED</b>	<b>REACTION ENGENDERED</b>	<b>COUNTRIES OF DETECTION</b>	<b>TOTAL</b>
Hydroxyomeprazole, omeprazole, Hydroxyxylazine, Xylazine	Gastric Secretory Inhibitor, Anti-Ulcerative, Sedative, Analgesic	HK (1)	1
Hydroxyomeprazole, omeprazole, meloxicam	Gastric Secretory Inhibitor, Anti-Ulcerative, NSAID, analgesic		
Hydroxyomeprazole, omeprazole, trometamol	Gastric Secretory Inhibitor, Anti-Ulcerative		
Hydroxyxylazine	Sedative, Analgesic		
Ibuprofen	NSAID		
Meloxicam	NSAID, analgesic	SAF (2), UAE (1)	3
Meloxicam, oxyphenbutazone, phenylbutazone	NSAID, Anti-Inflammatory, Analgesic		
Methandienone	anabolic steroid	JPN [JRA] (1)	1
Methocarbamol	Muscle Relaxant (Skeletal)	SPA (1)	1
Methylprednisolone	Glucocorticoid, Anti-Inflammatory		
Nandrolone	Anabolic		
Norethandrolone	Anabolic Steroid	MAR (2)	2
Omeprazol	Gastric Secretory Inhibitor, Anti-Ulcerative		
Oxyphenbutazone	Anti-Inflammatory, Analgesic	MAL (1)	1
Oxyphenbutazone, phenylbutazone	Anti-Inflammatory, Analgesic	HK (1)	1
Oxyphenbutazone, phenylbutazone and triamcinolone acetoneide	Anti-Inflammatory, Analgesic, Glucocorticoid, anti-inflammatory		
Phenylbutazone	Anti-Inflammatory, Analgesic	IRE (1), MAL (1), SAF (2), SPA (2), UAE (1)	7
Prednisolone	Glucocorticoid, Anti-Inflammatory		
Procaine	Local Anesthetic		
Promazine	Tranquilizer	SPA (3)	3
Promazine Hydroxymethyl	Tranquilizer		
Salicylic Acid	Anti-Inflammatory		
Stanozolol	anabolic steroid	HK (1), UAE (1)	2
Stanozolol metabolites	Anabolic Steroid	IND (3)	3
Testosterone	Androgen	AUS (5), FR (1), IND (1)	7
Triamcinolone	Glucocorticoid, Anti-Inflammatory		
Triamcinolone acetoneide	Glucocorticoid, Anti-Inflammatory	HK (1)	1
Trometamol			
Zilpaterol	Beta-2 Adrenoceptor Agonist, Growth Stimulant		
Zuclopentixol			

**ACCORDING TO RULES OF RACING**

COUNTRY	IS THE B-SAMPLE ANALYSIS DONE SYSTEMATICALLY?	DOES 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?	DO YOU 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	Yes	Yes	Yes	Yes	
AUSTRALIA	Yes	No	Yes	No	No	N/A	No	
AUSTRIA	No	Yes	Yes	Yes	Yes	Yes	No	
BAHRAIN	No	Yes	Yes	Yes	No	N/A	No	
BELGIUM	No	Yes	Yes	Yes	No	N/A	No	
BRAZIL (Brasileiro)	Yes	Yes	Yes	No	Yes	Yes	Yes	Furosemide - 100ng/ml plasma
BRAZIL (Sao Paulo)	Yes	Yes	Yes	No	Yes	Yes	Yes	Furosemide is allowed 4 hours prior racing in a dose of 0,5 mg/kg, with a threshold of 60 ng/ml serum. This rule is applied only for horses above 3,5 years old, with EIPH confirmed by official veterinary previous endoscopy. For Group proves it is forbidden. From 414 animals there were collected both urine and blood samples for furosemide analysis.
CHILE	No	Yes	Yes	No	Yes	Yes	No	
CHINA(Hong Kong)	Yes	No	Yes	No	Yes	Yes	No	
CROATIA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
CYPRUS	Yes	No	Yes	No	Yes	Yes	No	
CZECH REPUBLIC	No	Yes	Yes	Yes	Yes	Yes	No	
DENMARK								
FRANCE	Yes	No	No	No	No	No	No	
GERMANY	Yes	Yes	Yes	Yes	Yes	Yes	No	
GREECE	Yes	No	No	No	No	N/A	No	
HUNGARY	Yes	Yes	Yes	No	No	N/A	No	
INDIA	Yes	Yes	Yes	Yes	Yes	Yes	No	
IRELAND	No	Yes	Yes	Yes	Yes	Yes	No	
ITALY								
JAPAN (JRA)	Yes	No	No	No	No	No	Yes	Threshold for Boldenone is 0.020 mg/ml. Estranediol is snslysed based on the concentration ratio of 5a-estrane-3B, 17 a-diol to 5(10)-estren-3B, 17a-diol. For Theobromine we adopt zero-tolerance
JAPAN (NAR)	Yes	No	No	No	No	No	Yes	Threshold for Boldenone is 0.020 mg/ml. Estranediol is snslysed based on the concentration ratio of 5a-estrane-3B, 17 a-diol to 5(10)-estren-3B, 17a-diol. For Theobromine we adopt zero-tolerance
LEBANON	Yes	Yes	No	No	No	Yes	No	
MACAU	No	Yes	Yes	Yes	No	N/A	No	
MALAYSIA	Yes	Yes	Yes	Yes	No	No	No	
MAURITIUS	No	Yes	Yes	Yes	No	N/A	No	
MEXICO	Yes	No	No	Yes	Yes	Yes	Yes	
MOROCCO	No	Yes	Yes	Yes	Yes	Yes	Yes	Domestically thresholds (about 20% less than international suggested levels) are established for the more frequently detected molecules such as Flunixin and Phenylbutazone. The objective of this measure is to limit the overuse of these compounds.
the NETHERLANDS	No	Yes	Yes	Yes	Yes	Yes	No	
NEW ZEALAND	No	Yes	Yes	Yes	Yes	Yes	No	
NORWAY	No	No	No	No	No	N/A	No	
PANAMA	No	Yes	No	Yes	No	No	Yes	
POLAND	No	Yes	Yes	Yes	No	No	No	
QATAR	Yes	Yes	Yes	Yes	No	N/A	No	
SAUDI ARABIA	No	Yes	Yes	Yes	Yes	N/A	Yes	We have analysis before the race for the detection rate (TCO2).
SERBIA	No	Yes	Yes	Yes	Yes	Yes	No	
SINGAPORE	No	Yes	Yes	Yes	No	N/A	No	
SLOVAKIA	No	Yes	Yes	Yes	Yes	Yes	No	
SOUTH AFRICA	No	Yes	Yes	Yes	No	N/A	No	
SPAIN	No	Yes	Yes	Yes	Yes	Yes	No	
SWEDEN	Yes	No	Yes	No	Yes	Yes	No	
SWITZERLAND	No	Yes	Yes	Yes	Yes	Yes	No	
TUNISIA	No	Yes	Yes	Yes	Yes	Yes	No	
TURKEY	Yes	No	No	No	Yes	No	No	
UNITED ARAB EMIRATES	Yes	No	Yes	No	No	N/A	No	
UNITED KINGDOM	No	Yes	Yes	Yes	Yes	Yes	No	
USA	No	Yes	Yes	Yes	No	N/A	Yes	Varies by state and drug
URUGUAY	No	Yes	Yes	No	Yes	Yes	Yes	FEI, American Endurance Rule 13 Appendices

III. DETAILS UPDATING

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Argentina	<p>Laboratorio de Control de Doping-Secretaría de Deporte - Ministerio de Desarrollo Social Miguel B. Sanchez 1050 (1429) - CABA Tel: 0054-11-4704-1943 Fax: 0054-11-4703-1323 E-mail: labdoping@deportes.gov.ar</p> <p>San Isidro Racetrack Laboratory Hipodromo de San Isidro - Av. Bernabe Marquez 504 (1642) San Isidro - Buenos Aires Tel: +541147434011/9 int 1290 Fax: +541147421357 E-mail: pporto@jockeyclub.com.ar</p> <p>Instituto Provincial de Loteria y Casinos: Investigation and Doping Control Center Diagonal 113 y 62 La Plata - Buenos Aires Tel. Fax: +54 221 4246990 e-mail: controldoping@loteria.gba.gov.ar</p>	<p>Dr. Hugo Osvaldo Rodriguez (Laboratorio de Control de Doping) Dra. Patricia Porto (San Isidro Racetrack Laboratory) Dra. Angeles de Cristofano (Investigation and Doping Control Center) Dra. Patricia Porto (San Isidro Racetrack Laboratory)</p>	<p>The Laboratory is certified by the OAA(Organismo Argentino de Acreditacion)(San Isidro Racetrack Laboratory) ISO 17025, IRAM 301:2005</p>	<p>Dr. Ricardo Campodonico (Palermo Racetrack, Doping Control Laboratory) Av Libertador 4101 Capital Federal. Buenos Aires Tel: +541147782800 Email: rcampodonico@palermo.com.ar</p> <p>Dr. Teodoro Dasch Av Bernabe Marquez 504 (1624) San Isidro - Buenos Aires Tel: +541147434011/9 int 1278 Fax: +541147421357 Email: gerencia@jockeyclub.com.ar</p> <p>Dr. Ramon Lopez (La Plata Racetrack, Investigation and Doping Control Center) 44 y 115. La Plata. Buenos Aires Tel: +542214270919 Email: ramonlopez6@gmail.com / servicioveterinariohlp@gmail.com</p> <p>Dr. Andres Smetana (La Punta Racetrack) BV Las Canadas 9012-5710 La Punta. San Luis Tel: +542652530805 E-mail: andressmetana@gmail.com</p>
Australia	<p><b>Queensland</b> Queensland Government Racing Science Centre PO Box 513 Albion QLD 4010 Tel: +61 7 3862 1477 Fax: +61 7 3857 0035 Email: bruce.young@racing.qld.gov.au</p> <p><b>Western Australia</b> Chem Centre PO Box 1250 Bentley DC WA 6983 Tel: +61 8 9422 9880 Fax: +61 8 9422 9831 Email: crusso@chemcentre.wa.gov.au / jwhite@chemcentre.wa.gov.au</p> <p><b>Victoria, South Australia &amp; Tasmania</b> Racing Analytical Services Limited 400 Epsom Road Flemington VIC 3031 Tel: +61 3 9376 6760 Fax: +61 3 9376 6875 Email: rasl@rasl.com.au</p> <p><b>New South Wales, Northern Territory &amp; Australian Capital Territory</b> Australian Racing Forensic Laboratory Royal Randwick Racecourse Alison Road Randwick NSW 2031 Tel: +61 2 8344 5000 Fax: +61 2 9662 6107 Email: arflab@racingnsw.com.au</p>	<p>Mr. Mark Jarrett, Manager, Analytical Services</p> <p>Mr. Charles Ivan Russo / James White</p> <p>Mr. David Batty, Laboratory Director</p> <p>Mr. John Keledjian, General Manager</p>	<p>National Association of Testing Authorities (NATA) ISO/IEC 17025</p> <p>National Association of Testing Authorities (NATA)</p> <p>National Association of Testing Authorities (NATA)</p> <p>National Association of Testing Authorities (NATA) to ISO17025</p>	<p>Dr. Bruce Young-Chief Veterinary Officer Queensland Government Racing Science Centre PO Box 513 Albion QLD 4010 Tel: +61 7 3862 1477 Fax: +61 7 3857 0035 Email: bruce.young@racing.qld.gov.au</p> <p>Dr. Judith Medd-Chief Veterinary Officer Racing &amp; Wagering Western Australia 14 Hasler Road Osborne Park WA 6017 Tel: +61 8 9445 5459 Fax: +61 8 9479 3116 Email: judith.medd@rwwa.com.au</p> <p>Dr. Brian Stewart-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</p> <p>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</p>
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III. DETAILS UPDATING

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Bahrain	Equine Forensic Unit Central Veterinary Research Laboratory P.O. Box 597 Dubai, UAE Tel: +9714 3366082 Fax: +9714 3349343 Email: peterfu@emirates.net.ae	Mr. Ali Redha	Yes - NATA	Dr. Rebecca Mouncey P.O. Box 25079 Kingdom of Bahrain Tel: +973 17440440 Fax: +973 17442777 <a href="mailto:rebeccamouncey@hotmail.co.uk">rebeccamouncey@hotmail.co.uk</a>
Belgium	Laboratoire des Courses Hippiques 15 Rue de Paradis 91370 Verrieres le Buisson France Tel 33(0) 1 69 75 28 28 Fax 33(0) 1 69 75 28 29	Dr. Yves Bonnaire	COFRAC	VAN DOOREN David Leiestraat 60 8520 Kuurne Belgium e-mail: d.v.n@busmail.com
Brazil	Chromanalysis Address: Rua Havai, 547/549 - Sumare - Sao Paulo - SP Tel: (55) (11) 3868-4044 <a href="mailto:chromanalysis@chromanalysis.com.br">chromanalysis@chromanalysis.com.br</a> Jockey Club de Sao Paulo Departamento de Controle e Pesquisas Antidopagem Rua Bento Frias 248 CEP 05423-050 Sao Paulo, Sao Paulo, Brasil. Tel:(55-11)2161-8414 Fax:(55-11)3814-0733 email: antidopagem@jockeysp.com.br	Myriam Salvadori  Mirtes Eliete Velletri de Souza CRF 5831, Coordenadora de Departamento	Yes - INMETRO - ISO 17025  Works with ISO 17025 system and is in the way to be accredited on that.	Dr. Mayra Frederico Address: Praca Santos Dumont, 31 - Gavea - Rio de Janeiro - RJ Tel: (55) (21) 3534-9058 <a href="mailto:Mayra.frederico@jcb.com.br">Mayra.frederico@jcb.com.br</a> Regis Pio Monteiro da Silva Jockey Club de Sao Paulo Departamento de Controle e Pesquisas Antidopagem Rua Bento Frias 248 CEP 05423-050 Sao Paulo, Sao Paulo, Brasil Tel: (55-11)2161-8416 Fax: (55-11)3814-0614 <a href="mailto:anti.dopagemvet@jockeysp.com.br">anti.dopagemvet@jockeysp.com.br</a>
Chile	Laboratorio de Analisis Antidoping y Drogas de Abuso de la Universidad de Chile Direccion: Sergio Livingstone N 1007, Independencia, Santiago Tel/Fax: +56-2-2735 57 33 Tel:+56-2-2978 28 00 Email: camargodoping@hotmail.com	Dr. Cristian Camargo Dr. Cristian Nunez J.	Association of Official Racing Chemists Instituto Nacional de Normalizacion Instituto Nacional de Deportes	
China (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, accredited by the Hong Kong Accreditation Service (to the requirements of ISO/IEC 17025 : 2005)	Dr. Peter Curl Equine Hospital, The Hong Kong, Jockey Club Sha Tin Racecourse, She Tin, New Territories, Hong Kong, China Tel: +852-2966-6741 Fax: +852-2602-3305 Email: peter.curl@hkjc.org.hk Stjepan Jimundia dr. vet. Med. <a href="mailto:simundzas@gmail.com">simundzas@gmail.com</a> 00385 98 371 590
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III. DETAILS UPDATING

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
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: <a href="mailto:schaenzler@biochem.dshs-koeln.de">schaenzler@biochem.dshs-koeln.de</a>	Prof. Dr. Wolfgang Schanzer	WADA AORC Iso 17025.2005	Dr. Thomas Weinberger Burg Muggenhausen 53919 Weilerswist Tel. 0049-2254-96260 Fax 0049-2254-962777 email: <a href="mailto:burg.mueggenhausen@t-online.de">burg.mueggenhausen@t-online.de</a>
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Hungary	German Sport University, Institute of Biochemistry, Am Sportpark Muersdorf 6, 50933 Cologne, Contact: Doris Sagioglou, <a href="mailto:d.sagioglou@biochem.dshs-koeln.de">d.sagioglou@biochem.dshs-koeln.de</a> . Tel: +49-221-49824940	Dr. Wilhelm Schanzer	International Federation of Horseracing Authorities	Dr. Pal Tuska 6090 Kunszentmiklos, Mikulas str. 2. Hungary <a href="mailto:tuskapal1@gmail.com">tuskapal1@gmail.com</a> 36-20-274-92-62
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Ireland	BHP Laboratories, New Road, Thomondgate, Limerick, Ireland Phone: 00 353 61 455399 Fax: 00 353 61 455447 Email: <a href="mailto:colettehannan@bhp.ie">colettehannan@bhp.ie</a>	Mr. Dermot Purcell	Accredited to ISO 17025 National Accreditation Board (INAB)	Terry Smith, The Veterinary Clinic, 11-17 Castle Street, Rathfriland, Co. Down BT34 5 QR, N. Ireland Tel: 048 406 30385 Mobile: 00 353 87 2185800 Email: <a href="mailto:terryjasmith@hotmail.co.uk">terryjasmith@hotmail.co.uk</a>
Italy	UNIRELAB srl, Via Gramsci 70 (20019) Settimo Milanese MILANO Tel: +3902-33502133 Fax: +390233514200	Dott. Marco Fidani	ACCREDIA; accreditation N 0751 UNI CEI EN ISO/IEC 17025:2005 CERTIQUALITY; certificate n - UNI EN ISO 9001:2008	
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**III. DETAILS UPDATING**

<b>COUNTRY</b>	<b>LABORATORY(RIES) ANALYZING ROUTINE SAMPLES</b>	<b>HEAD OF RACING LABORATORY(RIES)</b>	<b>IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?</b>	<b>CHIEF VETERINARY OFFICER</b>
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Mauritius	Quantilab Ltd, Socota Phoenicia, Sayed Hossen Street. Phoenix. Mauritius Tel: (230) 4275807, Fax: (230) 4275182	Mr Bertrand Baudot	Yes, International Standard ISO/IEC 17025:2005 Mauritius Accreditation Services (MAURITAS)	Dr. Christian Bourdet The Mauritius Turf Club Dr. Eugene Laurent Street Champ de Mars Port Louis Mauritius Tel: +230 2122212 Fax: +230 2638646 Email: christianbourdet@yahoo.com
Mexico	LGC. Science, Inc. 1745 Alysheba Way, Suite 160, Lexington, Kentucky 40509, USA Tel: (859) 721-0180 Fax: (859) 264-0371  Laboratory: Truesdail Laboratories, Inc. 14201 Franklin Avenue, Tustin, CA 92780-7008 Tel: (714)730-6239, Fax: (714)730-6462 Email: www.truesdail.com		ISO/IEC 17025:2005 General Requirements of the Competence Of Testing And Calibration Laboratories and the American Association for Laboratory Accreditation's R203 Specific R  ACLASS Accredited Testing AT-1408 ISO/IEC 17025	M.V.Z. Guadalupe Juana Zarinana Leguizamo Av. Del Conscripto #311, Interior del Hipodromo de las Americas Zona de Caballerizas, Col. Lomas de Sotelo, C.P. 11200, Mexico, D.F. Tel: (0155)5080-4102, 5080-4103, 5080-4104
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III. DETAILS UPDATING

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
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Singapore	Singapore Turf Club Laboratory 1 Turf Club Avenue Singapore Racecourse Singapore 738078 Tel: +65 6879 100 Fax: +65 6879 1939 Email: labsupport@turclub.com.sg	Dr. Shawn Stanley	SINGLAS ISO17025	Dr. Koos van den Berg, 1 Turf Club Avenue, Singapore Racecourse, Singapore 738078 tel.: (65)6879 1330, Fax: (65)6879 1349, Email: koosvdberg@turclub.com.sg
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South Africa	The National Horseracing Authority of Southern Africa 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	Association of Official Racing Chemists (AORC) South African National Accreditation System (SANAS) ISO/IEC 17025	Dr. Dale Wheeler The National Horseracing Authority of Southern Africa PO Box 74439 Turffontein 2140 South Africa Tel: +27 11 683 9283 Fax: +27 11 683 5548 E-mail: dpwvet@nhra.co.za
Spain	Laboratoire des Courses Hippiques 15 Rue de Paradis 91370 Verrieres le Buisson France France Tel. 33(0)1-69-75-28-28 Fax: 33(0)1-69-75-28-29	Dr. Yves Bonnaire	COFRAC ISO 17025	Manuel Rodriguez Sanhez Tel. 0034639672567 <a href="mailto:manuel_rodriguez@vet.ucm.es">manuel_rodriguez@vet.ucm.es</a>
Sweden	National Veterinary Institute Statens Veterinarmedicinska Anstalt <a href="mailto:ulf.bondesson@sva.se">ulf.bondesson@sva.se</a> Tel: +46 18 67 40 00 Fax: +46 18 30 91 62	Dr. Ulf Bondesson	SWEDAC, Swedish Board for Accreditation and Conformity Assessment; ISO 17025	Goran Akerstrom +46 8 627 20 87 <a href="mailto:goran.akerstrom@travsport.se">goran.akerstrom@travsport.se</a>
Switzerland	Laboratoire des Courses Hippiques 15 Rue de Paradis F-91370 Verrieres-le-Buisson Tel: +33 1 69 75 28 28 Fax: +33 1 69 75 28 29	Dr. Yves Bonnaire	COFRAC ISO 17025	Federation Suisse des Courses de Chevaux Dr. Gilles Thiebaut Les Longs-Pres 1a, Case postale 175 CH-1580 Avenches Tel +41 26 676 76 20 Fax +41 26 676 76 29 Mail: spv@iena.ch
Tunisia	Laboratoire des Courses Hippiques (LCH) 15 Rue de Paradis 91370 Verrieres le Buisson France Tel: 0033 1 69 75 28 28 Fax: 0033 1 69 75 28 28 29 <a href="mailto:y.bonnaire@lchrance.fr">y.bonnaire@lchrance.fr</a>	Dr. Bonnaire Yves	COFRAC Accreditation N 1-0804	Dr. Lanolssi Faouzi <a href="mailto:Courses.tunisie@planet.tn">Courses.tunisie@planet.tn</a> Tel: 0021622889198 / 00216654081



III. DETAILS UPDATING

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
Turkey	Veterinary Control Central Research Institute Ahmet Sefik Kolayli Cad. No: 21-21/A 06020 Etilik/ ANKARA-TURKEY Telephone: +90 312 326 00 90 Fax: +90 312 321 17 55 <a href="mailto:etilik.vkmae@gthb.gov.tr">etilik.vkmae@gthb.gov.tr</a>	Dr. Ozhan TURKYILMAZ, Director Mr. Erdal Turhan, Chief of Doping Laboratory	Yes, by Turkish Accreditation Agency TS EN ISO/IEC 17025 Standard	Republic of Turkey, Ministry of Food, Agriculture and Livestock General Directorate of Food and Control Eskisehir Yolu 9. km Lodumlu/ANKARA-TURKEY Telephone: +90 312 258 76 10 Fax: +90 312 258 76 93 Prof. Dr. Irfan Erol <a href="mailto:irfan.erol@tarim.gov.tr">irfan.erol@tarim.gov.tr</a>
United Kingdom	Sports & Specialised Analytical Services, LGC Newmarket Road, Fordham, Cambridgeshire UK CB7 5 WW Tel +44(0) 1638 724412 Fax +44(0) 1638 724200 Email: <a href="mailto:info@lgcgroup.com">info@lgcgroup.com</a>	Clive Pearce	Accredited by UKAS ISO9001	Jennifer Hall 75 High Holborn London WC1V 6 LS Tel: +44 (0) 207 152 0090 Mobile: +44 (0) 7887 051932 Email: <a href="mailto:jehall@britishhorseracing.com">jehall@britishhorseracing.com</a>
United Arab Emirates	Equine Forensic Laboratory Central Veterinary Research Laboratory PO Box 597 Dubai UAE Tel: +97143366082	Peter Albert <a href="mailto:peterrefu@emirates.net.ae">peterrefu@emirates.net.ae</a>	NATA accreditation	Dr. David Sykes Emirates Racing Authority Meydan Racecourse Dubai UAE <a href="mailto:David.Sykes@emiratesracing.com">David.Sykes@emiratesracing.com</a> +971501891448
USA	Center for Toxicology Services 1819 W. Drake Avenue, Suite 102 Tempe, AZ 85283 Tel: 602-345-7454 Fax: 602-345-8350 Serves South Dakota	Jeanne Mahoney	Yes - ISO/IEC 17025	
	New York Drug Testing and Research Program Morrisville Auxiliary Corporation SUNY Morrisville 777 Warren Road Ithaca, NY 14850 Tel: 607-882-9064 Serves New York	Dr. George Maylan	Yes - ISO/IEC 17025, Applied for RMTC accreditation	
	University of Florida College of Veterinary Medicine Racing Laboratory 1200 SW 34th Street Gainesville, FL 32610 Tel: 352-392-4700 Serves Florida	Dr. Bruce Goldberger	Yes - ISO/IEC 17025	
	LGC 1745 Alysheba Way Lexington, KY 40509 Tel: 859-721-0181 Fax: 859-264-0371 Serves Kentucky , Maine, Virginia	Dr. Rick Sams	Yes - ISO/IEC 17025 and RMTC Accredited	
	University of Illinois Animal Forensic Toxicology Lab 2242 West Harrison Street Suite 100 Chicago, IL 60601 Tel: 312-633-3550 Fax: 312-633-3558 Serves Illinois	Dr. Carl Larsen	Yes - ISO/IEC 17025, Applied for RMTC accreditation	
Industrial Labs 4046 Youthfield Street Wheat Ridge, CO 80033 Tel: 303-287-9691 Fax: 303-287-0964 Serves Arizona, Colorado, Indiana, Minnesota, Montana, Nebraska, North Dakota, Oklahoma	Ms. Petra Hartmann	Yes - ISO/IEC 17025 and RMTC Accredited		

III. DETAILS UPDATING

COUNTRY	LABORATORY(RIES) ANALYZING ROUTINE SAMPLES	HEAD OF RACING LABORATORY(RIES)	IS(ARE) LABORATORY(RIES) ACCREDITED? BY WHICH OFFICIAL BODY?	CHIEF VETERINARY OFFICER
USA	Iowa Racing Chemistry Veterinary Diagnostic Lab Iowa State University Aurora, IA 50011 Tel: 515-294-1950 Fax: 515-294-3182 Serves Iowa	Ms. Renee Novak	No	
	Equine Medicaiton Surveillance Laboratory School of Veterinary Medicine Louisiana State University Baton Rouge, LA 70803 Tel: 225-388-3602 Fax: 225-388-3086 Serves Louisiana	Dr. Steven Barker	No	
	Michigan Department of Agriculture & Rural Development Equine Drug Testing Program 1615 S. Harrison Rd East Lansing, MI 48823 Tel: 517-337-5082 Serves Michigan	Ms. Gina DeWitt	No	
	Ohio State Racing Commission Laboratory Analytical Toxicology Lab 8995 E. Main Street Room 140 Reynoldsburg, OH 43068-3398 Tel: 614-466-2910 Fax: 614-292-4299 Serves Ohio	Mr. Soobang Tan	Yes - ISO/IEC 17025 and RMTC Accredited	
	Pennsylvania Race Horse Testing Laboratory Chemistry Department West Chester, PA 19383 Tel: 610-436-3301 Fax: 610-436-3504 Serves Pennsylvania	Dr. Mary Robinson	Yes - ISO/IEC 17025 and RMTC Accredited	
	Texas Veterinary Medical Diagnostic Laboratory Drawer 3040 College Station, TX 77841 Tel: 409-845-3414 Fax: 409-845-1794 Serves Texas	Mr. Al Kind	Yes - ISO/IEC 17025 and RMTC Applicant	
	Truesdail Laboratories 14201 Franklin Avenue Tustin, CA 92780 Tel: 714-730-6239 Fax: 714-730-6462 Serves Arizona, Arkansas, Delaware, Idaho, Maryland, Massachusetts, Nebraska, Nevada, New Jersey, Oregon, Washington, Wyoming	Dr. Norman Hester	Yes - ISO/IEC 17025 and RMTC Accredited	
	Ken Maddy Equine Analytical Lab University of California-Davis CAHFS, University of California Davis, CA 95616 Tel: 530-752-8735 Fax: 530-754-5588 Serves California, New Mexico	Dr. Scott Stanley	Yes - ISO/IEC 17025 and RMTC Accredited	
Uruguay	Infodynamics S.R.L. Jose Luis Zorrilla de San Martin 233 - Montevideo - CP 11300 - Uruguay Tel/Fax (00598) 2710 0499 <a href="mailto:eleonora.scoseria@solucionesqxp.com">eleonora.scoseria@solucionesqxp.com</a>	O.F. Eleonora Scoseria	N/A	Dr. José Gallero José María Guerra 3540 Montevideo - CP 1200 - Uruguay Tel (00598) 2511 7777 <a href="mailto:JGallero@hru.com.uy">JGallero@hru.com.uy</a>

**ACCORDING TO RULES OF RACING**

COUNTRY	IS THE B-SAMPLE ANALYSIS DONE SYSTEMATICALLY?	DOES 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?	DO YOU 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	Yes	Yes	Yes	Yes	
AUSTRALIA	Yes	No	Yes	No	No	N/A	No	
AUSTRIA	No	Yes	Yes	Yes	Yes	Yes	No	
BAHRAIN	No	Yes	Yes	Yes	No	N/A	No	
BELGIUM	No	Yes	Yes	Yes	No	N/A	No	
BRAZIL (Brasileiro)	Yes	Yes	Yes	No	Yes	Yes	Yes	Furosemide - 100ng/ml plasma
BRAZIL (Sao Paulo)	Yes	Yes	Yes	No	Yes	Yes	Yes	Furosemide is allowed 4 hours prior racing in a dose of 0,5 mg/kg, with a threshold of 60 ng/ml serum. This rule is applied only for horses above 3,5 years old, with EIPH confirmed by official veterinary previous endoscopy. For Group proves it is forbidden. From 414 animals there were collected both urine and blood samples for furosemide analysis.
CHILE	No	Yes	Yes	No	Yes	Yes	No	
CHINA(Hong Kong)	Yes	No	Yes	No	Yes	Yes	No	
CROATIA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
CYPRUS	Yes	No	Yes	No	Yes	Yes	No	
CZECH REPUBLIC	No	Yes	Yes	Yes	Yes	Yes	No	
DENMARK								
FRANCE	Yes	No	No	No	No	No	No	
GERMANY	Yes	Yes	Yes	Yes	Yes	Yes	No	
GREECE	Yes	No	No	No	No	N/A	No	
HUNGARY	Yes	Yes	Yes	No	No	N/A	No	
INDIA	Yes	Yes	Yes	Yes	Yes	Yes	No	
IRELAND	No	Yes	Yes	Yes	Yes	Yes	No	
ITALY								
JAPAN (JRA)	Yes	No	No	No	No	No	Yes	Threshold for Boldenone is 0.020 mg/ml. Estranediol is snslysed based on the concentration ratio of 5a-estrane-3B, 17 a-diol to 5(10)-estren-3B, 17a-diol. For Theobromine we adopt zero-tolerance
JAPAN (NAR)	Yes	No	No	No	No	No	Yes	Threshold for Boldenone is 0.020 mg/ml. Estranediol is snslysed based on the concentration ratio of 5a-estrane-3B, 17 a-diol to 5(10)-estren-3B, 17a-diol. For Theobromine we adopt zero-tolerance
LEBANON	Yes	Yes	No	No	No	Yes	No	
MACAU	No	Yes	Yes	Yes	No	N/A	No	
MALAYSIA	Yes	Yes	Yes	Yes	No	No	No	
MAURITIUS	No	Yes	Yes	Yes	No	N/A	No	
MEXICO	Yes	No	No	Yes	Yes	Yes	Yes	
MOROCCO	No	Yes	Yes	Yes	Yes	Yes	Yes	Domestically thresholds (about 20% less than international suggested levels) are established for the more frequently detected molecules such as Flunixin and Phenylbutazone. The objective of this measure is to limit the overuse of these compounds.
the NETHERLANDS	No	Yes	Yes	Yes	Yes	Yes	No	
NEW ZEALAND	No	Yes	Yes	Yes	Yes	Yes	No	
NORWAY	No	No	No	No	No	N/A	No	
PANAMA	No	Yes	No	Yes	No	No	Yes	
POLAND	No	Yes	Yes	Yes	No	No	No	
QATAR	Yes	Yes	Yes	Yes	No	N/A	No	
SAUDI ARABIA	No	Yes	Yes	Yes	Yes	N/A	Yes	We have analysis before the race for the detection rate (TCO2).
SERBIA	No	Yes	Yes	Yes	Yes	Yes	No	
SINGAPORE	No	Yes	Yes	Yes	No	N/A	No	
SLOVAKIA	No	Yes	Yes	Yes	Yes	Yes	No	
SOUTH AFRICA	No	Yes	Yes	Yes	No	N/A	No	
SPAIN	No	Yes	Yes	Yes	Yes	Yes	No	
SWEDEN	Yes	No	Yes	No	Yes	Yes	No	
SWITZERLAND	No	Yes	Yes	Yes	Yes	Yes	No	
TUNISIA	No	Yes	Yes	Yes	Yes	Yes	No	
TURKEY	Yes	No	No	No	Yes	No	No	
UNITED ARAB EMIRATES	Yes	No	Yes	No	No	N/A	No	
UNITED KINGDOM	No	Yes	Yes	Yes	Yes	Yes	No	
USA	No	Yes	Yes	Yes	No	N/A	Yes	Varies by state and drug
URUGUAY	No	Yes	Yes	No	Yes	Yes	Yes	FEI, American Endurance Rule 13 Appendices