



2015 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 POSITIVE PRE-RACE	DECLARE D POSITIVE POST-RACE	TOTAL DECLARE D POSITIVE CASES ON URINE	DECLARE D POSITIVE CASES ON URINE PRE-RACE	DECLARE D 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	D POSITIVE CASES ON BOTH URINE & BLOOD POST-RACE	SUBSTANCES DETECTED IN OTHER HORSE COMPETITIONS
Argentina	5,568	12,147	0	12,147	82	0	82	11,316	0	11,316	749	0	749	129	0	129	128	0	128	0	0	1	129	0	129		
Australia	18,949	46,392	3,547	42,845	0	0	0	18,703	0	18,703	27,689	3,547	24,142	87	1	86	65	0	65	22	1	21	87	1	86		
Austria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bahrain	187	1,947	1,722	225	0	0	0	127	0	127	1,820	1,722	98	5	0	5	2	0	2	3	0	3	5	0	5		
Belgium	171	86	0	86	77	0	77	3	0	3	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	
Brazil (Brasileiro/RJ)	1,800	2,113	0	2,113	1,111	0	1,111	969	0	969	33	0	33	8	0	8	6	0	6	2	0	2	8	0	8		
Brazil (Sao Paulo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chile	1,637	2,475	0	2,475	0	0	0	2,080	0	2,080	395	0	395	14	0	14	14	0	14	0	0	0	14	0	14		
China (Hong Kong)	796	12,198	10,115	2,083	2,062	0	2,062	9,994	9,994	0	142	121	21	4	2	2	3	2	1	1	0	1	4	2	2		
Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cyprus	1,030	1,074	0	1,074	0	0	0	1,074	0	1,074	0	0	0	11	0	11	11	0	11	0	0	0	11	0	11		
Czech Republic	485	43	0	43	43	0	43	24	0	24	19	0	19	4	0	4	4	0	4	0	0	0	4	0	4		
Denmark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
France	7,318	10,911	0	10,911	9,725	0	9,725	0	0	0	1,186	0	1,186	26	0	26	20	0	20	6	0	6	26	0	26		
Germany	1,316	450	0	450	1	0	1	340	0	340	109	0	109	3	0	3	3	0	3	0	0	0	3	0	3		
Greece	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hungary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
India	3,145	2,977	0	2,977	0	0	0	2,977	0	2,977	0	0	0	21	0	21	21	0	21	0	0	0	21	0	21		
India (DRC)	314	174	0	174	0	0	0	174	0	174	0	0	0	7	0	7	7	0	7	0	0	0	7	0	7		
India (MRC)	552	5	0	5	0	0	0	5	0	5	0	0	0	2	0	2	2	0	2	0	0	0	2	0	2		
India (RWITC)	592	761	0	761	0	0	0	761	0	761	0	0	0	8	0	8	8	0	8	0	0	0	8	0	8		
Ireland	2,522	2,608	0	2,608	0	0	0	2,024	0	2,024	584	0	584	4	0	4	4	0	4	0	0	0	4	0	4		
Italy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Japan (JRA)	3,454	10,374	0	10,374	2,541	0	2,541	7,569	0	7,569	264	0	264	1	0	1	1	0	1	0	0	0	1	0	1		
Japan (NAR)	12,723	29,807	0	29,807	0	0	0	26,035	0	26,035	3,772	0	3,772	2	0	2	2	0	2	0	0	0	2	0	2		
Lebanon	366	393	0	393	25	0	25	340	0	340	15	0	15	8	0	8	8	0	8	0	0	0	8	0	8		
Macau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Malaysia	595	8,923	6,854	2,069	2,023	0	2,023	0	0	0	6,900	6,854	46	11	0	11	10	0	10	1	0	1	11	0	11		
Mauritius	280	2,667	2,377	290	298	0	298	2,657	2,377	280	5	0	5	3	3	0	3	3	0	0	0	3	3	0	3		
Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Morocco	2,248	4,345	0	4,345	12	0	12	2,485	0	2,485	1,848	0	1,848	17	0	17	15	0	15	2	0	2	17	0	17		
the Netherlands	788	378	64	314	4	0	4	148	0	148	230	64	166	3	0	3	0	0	3	0	0	3	3	0	3		
New Zealand	2,848	3,489	491	2,998	0	0	0	2,356	0	2,356	1,133	491	642	0	0	0	0	0	0	0	0	0	0	0	0	0	
Norway	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oman	162	812	0	812	199	0	199	0	0	0	613	0	613	22	0	22	14	0	14	8	0	8	22	0	22		
Panama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Peru	1,929	1,989	0	1,989	0	0	0	1,160	0	1,160	829	0	829	11	0	11	0	0	11	0	0	11	0	11	0	11	
Poland	626	223	0	223	14	0	14	155	0	155	54	0	54	2	0	2	2	0	2	0	0	0	2	0	2		
Qatar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Saudi Arabia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Serbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Singapore	928	13,201	10,381	2,820	2,759	0	2,759	0	0	0	10,442	10,381	61	4	0	4	2	0	2	2	0	2	4	0	4		
Slovakia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
South Africa	3,840	5,084	480	4,604	0	0	0	4,342	0	4,342	742	480	262	15	3	12	10	0	10	5	3	2	15	3	12		
Spain	129	188	0	188	2	0	2	164	0	164	22	0	22	1	0	1	1	0	1	0	0	0	1	0	1		
Sweden	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Switzerland	178	85	0	85	39	0	39	1	0	1	45	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tunisia	474	535	0	535	0	0	0	306	0	306	229	0	229	3	0	3	1	0	1	2	0	2	3	0	3		
Turkey	5,426	11,856	115	11,741	0	0	0	10,779	0	10,779	1,077	115	962	63	0	63	59	0	59	4	0	4	63	0	63		
United Arab Emirates	376	4,267	3,333	934	0	0	0	887	0	887	3,380	3,333	47	8	3	5	5	0	5	3	3	0	8	3	5		
United Kingdom	10,041	8,670	195	8,475	479	0	479	6,375	0	6,375	1,816	195	1,621	14	0	14	13	0	13	0	0	1	14	0	14		
USA**	90,378	0	0	0	0	0	0	174,347	0	174,347	195,806	0	195,806	0	0	0	0	0	0	0	0	0	1,371	0	1,371		
Uruguay	1,931	3,581	0	3,581	0	0	0	3,485	0	3,485	96	0	96	21	0	21	21	0	21	0	0	0	21	0	21		

**Information as provided by ARCI, some information may be incomplete.

I. RACING DAY SAMPLES

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
2,5-Dihydroxybenzenesulfonate (component of etamsylate)	Hemostatic		
2-(1-Hydroxyethyl) Promazine Sulfoxide (Promazine Metabolite)	Neuroleptic, Tranquillizer		
3 Desmethyl Thiocolchicine	Muscle relaxant, anti-inflammatory		
3-Hydroxylidocaine (metabolite of lidocaine)	Local Anesthetic	CY (1)	1
3-hydroxy-N-methylmorphinan	Opioid	MY (3)	3
3-OH-Lidocaine (Lidocaine metabolite)	Local Anesthetic		
3-methoxytyramine (metabolite of dopamine)	Various function in nervous system	US (1)	1
4-(Dimethylamino)-antipyrine	Analgesic		
4-Aminoantipyrine	Analgesic		
4-Hydroxy Xylazine (Xylazine Metabolite)	Sedative, Analgesic		
4-Methyl-Aminoantipyrine	Analgesic	IN (1)	1
4-Methyl-Aminoantipyrine, Phenylbutazone, oxyphenbutazone	Analgesic, Anti-Inflammatory		
4-Methylamino Phenazone			
4-OH Propranolol	Beta Blocker		
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-idrossistanozolol	Anabolic		
20-Beta-dihydro-prednisolone	Glucocorticoid, Anti-Inflammatory		
Aicar	Blood Doping		
Acenocoumarol	Anti-Coagulant, Vitamin K Antagonist		
Acepromazine	Tranquillizer	LB (1), TR (1), UK (1), AR (2)	5
Acepromazine metabolites	Tranquillizer		
Acepromazine, Hydroxyethyl Promazine Sulphoxide	Tranquillizer, Neuroleptic		
Acepromazine, flunixin	Tranquillizer, Anti-Inflammatory, Analgesic		
Acetaminophen	Analgesic	PE (1)	1
Acetophenazine	Antipsychotic		
Acetylsalicylic acid		NL (1)	1
Acide 2- Tenoique	Local antiseptic		
Acide tolfenamique		MA (1)	1
Albuterol	Bronchodilator		
Alfentanil	Opioid, Analgesic		
Alprazolam	Anxiolytic, Sedative, Muscle Relaxant (skeletal)		
Altrenogest	Progestogen	FR (1)	1
Ambroxol	mucolytic agent	TR (1), OM (2), AR (1)	4
Ambroxol, furosemide	mucolytic agent, diuretic		
Aminocaproic Acid	Hemostatic	LB (1)	1
Aminorex	Stimulant		

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Amitriptylline	Tricyclic Anti-Depressant		
Amphetamine	Stimulant	AU (1), FR (1)	2
Andarine (S-4)	Selective Androgen Receptor Modulator		
Antipyrene	Antipyretic, Analgesic	IN (1), IN-DRC (1)	2
Antipyrene, Dipyrone	Analgesic, Antispasmodic		
Arsenic	Toxic element	AU (10), FR (1), MA (1)	12
Atenolol	Beta-1 Receptor Antagonist	IN-DRC (2), FR (1), AR (13)	16
Atenolol and Diclofenac	Beta-1 Receptor Antagonist, anti-inflammatory		
Atenolol and Phenylbutazone	Beta-1 Receptor Antagonist, Analgesic, Anti-Inflammatory		
Atropine	Anticholinergic	AR (4)	4
Barbital	Hypnotic		
Beclomethasone		TR (1)	1
BEG			
Benzocaine	Topical Anesthetic		
Benzoyllecgonine	CNS Stimulant	CY (3)	3
Benzoyllecgonine ecgonine methyl ester	CNS Stimulant		
Betamethasone	Glucocorticoid, Anti-Inflammatory	CY (1), TN (1), PE (1), SG (2)	5
Betamethasone, dexamethasone	Glucocorticoid, Anti-Inflammatory		
Boldenone	Anabolic	IN (1), IN-DRC (1), IN-RWITC (1), PE (1)	4
Boldenone Sulphate (metabolite of boldenone)	Anabolic		
Boldenone, Flunixin	Anabolic, Anti-Inflammatory, Analgesic		
Bromazepam	Minor Tranquilizer	AR (2)	2
Bromhexine	Expectorant, Mucolytic		
Bupivacaine	Local Anesthetic		
Buspirone	Anxiolytic		
Butazolidine, furosemide	NSAID, Diuretic		
Butorphanol	Analgesic, Antitussive	UK (1), AE (1), AR (5), UY (1)	8
Butylscopolamine	Antispasmodic, Muscarinic Antagonist	TR (1)	1
Butylscopolammonium	Anti-Spasmodic		
Butylscopolammonium bromide	Anti-Spasmodic		
BZEG (metabolite of cocaine)	Local Anesthetic		
Caffeine	Cardiac & Respiratory Stimulant	AU (3), TR (4), IN (1), CZ (2), IE (1), FR (2), ZA (2), PE (1), MY (1), JN-NAR (2), PL (1), AE (1), US (13), AR (16), UY (12), CL (2)	64
Caffeine, Mephentermine			
Caffeine nikethamide	Cardiac & Respiratory Stimulant		

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Caffeine metabolites	Cardiac & Respiratory Stimulant		
Caffeine, Theophylline	Cardiac & Respiratory Stimulant, Cardiac Stimulant, Vasodilator, Diuretic		
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		
Caffeine, theobromine	Cardiac & Respiratory Stimulant, Myocardial Stimulant, Weak Diuretic		
Caffeine, theophylline	Cardiac & Respiratory Stimulant, Vasodilator, Diuretic		
Cannabinol + Tetrahydrocannabinol		LB (2)	2
Capsaicin	Topical Analgesic	BR-RJ (1)	
Capsaicin, dihydrocapsaicin	Topical Analgesic		
Capsaicin hydroxy dantrolene salbutamol		IE(not specified)	
Carbazochrome	Antihemorrhagic	BR-RJ (1)	1
Carboprotol		US (1)	1
Carisoprodol	Muscle Relaxant		
Carprofen		ZA (2)	2
Cathinone		IN (1), IN-RWITC (1)	2

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Cetirizine	Anti-Histamine		
Chlorpropamide	Antidiabetic		
Chlorphenamine	Antiallergic Agent, Antihistaminic	TN(1)	1
Chlorpromazine	Antipsychotic		
Chlorothiazide			
Ciclesonide		BR-RJ (1)	1
Cimetidine	Anti-Ulcerative		
Clanobutin	Apetite Stimulant	OM (1)	1
Clenbuterol	Bronchodilator	BR-RJ (1), AU (1), IN (1), CZ (1), OM (3), AE (1), CN (1), AR (33), UY (2)	44
Clenbuterol, dembexine	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		
Chlorpheniramine		TR (1)	1
Cobalt		AU (14), ES (1)	15
Cocaine	CNS Stimulant, Topical Anesthetic	TR (1)	1
Codeine	Opioid Analgesic, Antitussive, Antidiarrheal	MA (1), US (1)	2
Cortivazol	Glucocorticoid		
Cromolyn	Anti-Bleeder		
Cyproheptadine	Antihistaminic, Antipruritic, Sedative	FR (1), AR (1)	2
Dantrolene		FR (1)	1
Darbepoetin	EPO Stimulating Agent		
Dehydronorketamine, norketamine, ketamine	Local Anesthetic, Analgesic		
Delmadinone Acetate	Steroidal Progestin		
Dembexine	Expectorant, Mucolytic		
Desoximetasone		FR (1), PL (1)	2
Desvenlafaxine	Antidepressant, Serotonin- Norepinephrine Reuptake Inhibitor	AU (3)	3
Dexamethasone	Glucocorticoid, Anti- Inflammatory	AU (3), IN (1), DE (1), FR (7), PE (1), MA (1), AR (7)	21
Dexamethasone, diclofenac	Glucocorticoid, Anti- Inflammatory		

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Dexamethasone, Methylprednisolone	Glucocorticoid, Anti-Inflammatory		
Dextromethorphan	Antitussive	SG (1)	1
Dextropropoxyphene	Analgesic	CL (1)	1
Detomidine	Sedative, Analgesic	TR (2)	2
Diazepam	Anxiolytic, Sedative, Muscle Relaxant (skeletal)		
Diazepam and Oxazepam	Anxiolytic, Sedative, Muscle Relaxant (skeletal), Tranquilizer (minor)		
Diclofenac	Anti-Inflammatory	TR (3), JPN-JRA (1), ZA (1), MY (2), OM (1)	8
Digoxin	Cardiac glycoside		
Di-isopropylamine Dichloroacetate	Vasodilator		
Dimethyl Sulfoxide (DMSO)	Anti-Inflammatory, Analgesic	TR (5)	5
Diphenhydramine	Anti-Histamine		
Dipyrrone	Analgesic, Antispasmodic	TR (7), IN (1), AR (6)	14
Dipyrrone, Phenylbutazone	Analgesic, Antispasmodic, Anti-Inflammatory		
Dyphylline	Bronchodilator	TR (1)	1
Edrophonium		TR (3)	3
Ephedrine	Sympathomimetic Agent, Bronchodilator	IN (1), AR (4)	5
Ephedrine, phenylpropanolamine, pseudoephedrine			
Ergonovine	Reduces uterine bleeding after delivery	CL (1)	1
Estranediol	Anabolic, androgenic steroid		
Estranediol, Methandriol	Anabolic Steroid, Androgen		
Estranediol, Nandrolone	Androgenic steroid, Anabolic		
Etamsylate	Hemostatic	PE (1)	1
Ethacrynic Acid	Diuretic		
Ethanol	Psychoactive		
Ethanol Glucuronide	Psychoactive		
Ethylephedrine	Bronchodilator		
Etilefrine			
Etodolac	NSAID	TR (2)	2
Etofylline	Bronchodilator	IN-DRC (2)	2
Etoricoxib	COX-2 Selective Inhibitor		
Famotidine	Histamine H2-Receptor Antagonist, Anti-Ulcerative		
Fentanyl	analgesic, tranquilizer, general anesthetic	AR (1)	1

I. RACING DAY SAMPLES

Firocoxib	Anti-Inflammatory	ZA (1), AR (2)	3
Flufenamic acid	NSAID		
Flunixin	Anti-Inflammatory, Analgesic	LB (3), TN (1), OM (1), MA (7), AR (5), UY (2)	19
Flunixin, Hydrochlorothiazide	Anti-Inflammatory, Analgesic, Diuretic		
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	TR (2), ZA (1)	3
Fluphenazine	Neuroleptic	US (1)	1
Fluoxetine		TR (1)	1
Flurbiprofen		IN (1), IN-RWITC (1)	2
Formoterol	Bronchodilator		
Furosemide	Diuretic	AU (3), TR (1), CZ (1), ZA (1), AR (4), CL (1)	11
Furosemide, Flunixin	Diuretic, Anti- Inflammatory, Analgesic		
Furosemide, Stanozolol	Diuretic, Anabolic Steroid		
Furosemide, Paracetamol, Ephedrine, Chlorpheniramine and Hydroxychlorpheninamine	Diuretic, Analgesic, Sympatho mimetic Agent, Bronchodilator, Antiallergic Agent, Antihistaminic		
Gabapentin	Analgesic		
Gamma-hydroxyphenylbutazone	Analgesic, Anti- Inflammatory	CN (1)	1
Gamma-hydroxyphenbutazone, Phenylbutazone, oxyphenbutazone	Analgesic, Anti- Inflammatory		
Ginsenoside RGL			
Glaucine	Anti-inflammatory, Bronchodilatory		
Glycopyrrolate	Anticholinergic		
Guaifenesin (also metabolite of methocarbamol)	Antitussive, Muscle Relaxant	AR (1)	1
Guanabenz	Antihypertensive		
Halazepam	Anxiolytic, Anticonvulsant, Sedative, Skeletal Muscle Relaxant		
Harpagoside	Anti-inflammatory		
HEPS	Tranquilizer		
Heptaminol	Cardiotonic	AU (2), TR (2), BH (2)	6
Heptaminol, diprophylline	Cardiotonic, Bronchodilator		
Hydrochlorothiazide	Diuretic	TR (1), DE (1), FR (2), MA (1), AE (1)	6
Hydrocortisone	Glucocorticoid	AU (1)	1

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Hydrocortisone, hydrocortisone hemisuccinate	Glucocorticoid, Adrenal Cortex Hormone		
Hydromorphone	Opioid Analgesic		
Hydroxazine		US (1)	1
Hydroxy Aminorex	Stimulant		
Hydroxy-Bupivacaine (Bupivacaine metabolite)	Local Anesthetic		
Hydroxy Dantrolene	Muscle Relaxant		
Hydroxy Diphenhydramine	Antihistamine		
Hydroxy Lidocaine	Local Anesthetic		
Hydroxy-Mepivacaine	Local Anesthetic		
Hydroxymepivacaine, Mepivacaine	Local Anesthetic		
Hydroxy Phenytoin	Anticonvulsant		
Hydroxyethyl Promazine Sulfoxide (Promazine Metabolite)	Neuroleptic, Tranquilizer	CY (1)	1
Hydroxyprogesterone Caproate	Synthetic, Steroidal Progestin		
Hydroxystanozolol			
Hydroxyxylazine	Sedative, Analgesic		
Hyoscine		AU (1)	1
Ibuprofen	NSAID	AU (7)	7
Ibuprofen, Isoxuprine	NSAID, Vasodilator		
Indomethacin	NSAID	CN (1)	1
Ipratropium	Bronchodilator	AU (3)	3
Isoflupredone	Anti-inflammatory		
Isoflupredone, Amphetamine	Anti-inflammatory, Stimulant		
Isoxuprine	Vasodilator	IN-DRC (1)	1
Ketamine	Anesthetic, Analgesic, Sedative		
Ketoprofen	Analgesic, Anti- Inflammatory	AR (1)	1
Ketoprofen, Furosemide	Analgesic, Anti- Inflammatory, Diuretic		
Ketoprofen, Furosemide, Flunixin	Analgesic, Anti- Inflammatory, Diuretic, Anti- Inflammatory, Analgesic		
Ketorolac	NSAID		
Lamotrigine	Anticonvulsant	NL (1)	1
Levamisole	Stimulant	AU (1), TR (4), US (23)	28
Levomepromazine	Analgesic, Antiemetic		
Levomepromazine metabolite	Analgesic, Antiemetic		
Levorphanol	Opioid Analgesic	IN (3)	3
Levorphanol, dextrophan	Opioid Analgesic, Psychoactive		
Lidocaine	Local Anesthetic	FR (1), OM (6), US (1), AR (1), UY (1)	10
Lidocaine, 3-Hydroxylidocaine (metabolite of lidocaine)	Local Anesthetic		

I. RACING DAY SAMPLES

Lobeline	Respiratory Stimulant		
Madophiline			
Mefenamic Acid	NSAID	SG (1)	1
Meloxicam, phenylbutazone	NSAID, analgesic, anti-inflammatory		
Meloxicam	NSAID, analgesic	AU (1), FR (1), NL (1)	3
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	US (4)	4
Meprobamate	Anxiolytic (Metabolite of Carisoprodol, a Skeletal Muscle Relaxant)	US (1)	1
Meprobamate, Levamisole	Anxiolytic (Metabolite of Carisoprodol, a Skeletal Muscle Relaxant), Stimulant		
Metaproterenol		TR (1)	1
Metenolone	Anabolic Steroid, Androgen		
Methamphetamine	Central Nervous System Stimulant	LB (1), AU (1), US (4)	6
Methandriol	Anabolic Steroid, Androgen		
Methenolone	Anabolic Steroid, Androgen properties		
Methocarbamol	Muscle Relaxant (Skeletal)	AU (1), TR (2), ZA (1), PE (1), AR (10), CL (1)	16
Methocarbamol, Flunixin	Muscle Relaxant (Skeletal), Anti-Inflammatory, Analgesic		
Methocarbamol, Furosemide	Muscle Relaxant (Skeletal), Diuretic		
Methocarbamol, Ketoprofen	Analgesic, Anti-Inflammatory, Muscle Relaxant (Skeletal)		
Methylamphetamine		AU (4), US (4)	8
Methylhexanamine	Stimulant		
Methylprednisolone	Glucocorticoid, Anti-Inflammatory	BH (1)	1
Methylsulfonylmethane	Anti-Inflammatory, Analgesic		
Metoprolol	Beta Blocker, Antianxiety		
Midazolam	Sedative, Anxiolytic Amnesic		

I. RACING DAY SAMPLES

Midodrine	Alpha-adrenergic agonist		
Minoxidil	anti-hypertensive	CY (1), AE (1)	2
Mitaragynine 7-Hydroxymitagynine		US (1)	1
Morphine	Analgesic (narcotic)	CZ(1), MY (1), MA (1), US (4)	7
Morphine, Codeine	Analgesic (narcotic), Opioid Analgesic, Antitussive, Antidiarrheal		
Morphine, Oripavine	Analgesic (narcotic), Opioid Analgesic		
Morphine/Codeine/Oripavine	Analgesic (narcotic), Opioid Analgesic, Antitussive, Antidiarrheal, Opioid Analgesic		
Nabumetone	NSAID	MA (1)	1
Nalbuphine	Narcotic Analgesic, Opioid		
Nandrolone	Anabolic	TR (1)	1
Naproxen	NSAID	TR (6), MY (2), MA (1)	9
N-butylscopolamine		ZA (1)	1
N-ethyl nicotinamide	Vitamin B3 B5 + C		
Naftidrofuryl	Spasmolytic		
Neostigmine		TR (1)	1
Niketamide	Respiratory Stimulant, Analeptic	TR (3), AR (3)	6
Nimesulide (metabolite)	NSAID, Analgesic, Antipyretic		
Nordazepam and oxazepam			
Nordazepam	Anxiolytic, Tranquilizer (minor), Metabolite of Diazepam	US (1)	1
Norephedrine (also metabolite of ephedrine)	Sympathomimetic Agent, Bronchodilator		
Norketamine	Anesthetic, Analgesic, Sedative	CY (1)	1
O-desmethyl pyrilamine (pyrilamine metabolite)	Anti-Histaminic		
Omeprazole	Gastric Secretory Inhibitor, Anti- Ulcerative	FR (1)	1
Omeprazole, cemitidine	Gastric Secretory Inhibitor, Anti- Ulcerative		
Omeprazole, hydroxyomeprazole	Gastric Secretory Inhibitor, Anti- Ulcerative		
Oripavine		AU (6), MA (1)	7

I. RACING DAY SAMPLES

Orphenadrine	Antihistaminic, Muscle Relaxant (skeletal)	OM (1), AR (3)	4
Orthocetamol	Analgesic		
Oxazepam (also metabolite of diazepam)	Tranquilizer (minor)	US (1), AR (6)	7
Oxilofrine	Stimulant, Amphetamine		
Oxycodone	Opioid Analgesic		
Oxymetazoline	Topical Decongestant, Vasoconstrictor		
Oxymorphone	Opioid Analgesic		
Oxyphenbutazone (also metabolite of phenylbutazone)	Anti-Inflammatory, Analgesic	TR (1), MA (3), CN (1), AR (2)	7
Parahydroxyephedrine	Adrenergic		
Pemoline	CNS Stimulant	TR (3), US (6)	9
Pentazocine	Narcotic Analgesic	IN (1)	1
Pentoxifylline	Vasodilator		
Pentoxifylline, Triamcinolone acetonide	Vasodilator, Glucocorticoid, Anti- Inflammatory		
Penicillin G	Antibiotic		
Phentermine	Anorexic, Stimulant		
Phenylbutazone	Analgesic, Anti- Inflammatory	AU (4), IN (3), IN-MRC (2), UK (1), MA (3), CN (1), AR (4), UY (3), CL (4)	25
Phenylbutazone, oxyphenbutazone	Analgesic, Anti- Inflammatory		
Phenylbutazone, oxyphenbutazone, dexamethasone	Analgesic, Anti- Inflammatory; Glucocorticoid		
Phenylbutazone, oxyphenbutazone, Ketamine	Analgesic, Anti- Inflammatory, Anesthetic, Analgesic, Sedative		
Phenylbutazone, oxyphenbutazone, Meloxicam	Analgesic, Anti- Inflammatory, NSAID		
Phenylbutazone, oxyphenbutazone, flunixin, lidocaine	Analgesic, Anti- Inflammatory, Local Anesthetic		
Phenylpropanolamine	Stimulant, Decongestant, Appetite Suppresant	IN (1)	1
Phenytoin	Anticonvulsant		
Picrotoxin	Stimulant, Convulsant		
Polyethylene glycol	Ointment and Suppository Base		
Prednisolone	Glucocorticoid, Anti- Inflammatory		
Prednisolone, 20-Beta-dihydro-prednisolone	Glucocorticoid, Anti- Inflammatory		
Prednisolone, methylprednisolone	Glucocorticoid, Anti- Inflammatory		
Prednisolone, prednisone	Glucocorticoid, Anti- Inflammatory		

I. RACING DAY SAMPLES

Prednisolone 21- hemisuccinate		ZA (1)	1
Prednisone	Glucocorticoid, Anti-Inflammatory	AU (2)	2
Probenecid	Uricosuric		
Procaine	Local Anesthetic	ZA (1), OM (1), AR (3)	5
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		
Propoxyphene	Analgesic (narcotic)		
Propoxyphene metabolites	Analgesic (narcotic)		
Protopanaxatriol			
Pseudoephedrine		AR (1)	1
Pseudoephedrine, Chlorpheniramine, Phenylbutazone, Oxyphenbutazone	Decongestant, Antiallergic Agent, Antihistaminic, Analgesic, Anti-Inflammatory		
Pyrilamine	Anti-Histaminic		
Pyrilamine metabolites	Anti-Histaminic		
Pyrilamine, Clenbuterol	Anti-Histaminic, Bronchodilator		
Prilocaine		US (2)	2
Quinidine	Anti-Arrhythmic		
Ractopamine	Beta-2 Adrenoceptor Agonist, Growth Stimulant	BR-RJ (1), ZA (1), US (16)	18
Ractopamine, Hydroxyzine	Beta-2 Adrenoceptor Agonist, Growth Stimulant, H1 Antagonist, Analgesic		
Ranitidine	Histamine H2-Receptor Antagonist, Anti-Ulcerative	BR-RJ (1), TR (3)	4
Recombinant Human EPO	Blood Doping		
Reserpine	Tranquilizer, Hypotensive		
Ritalin		US (3)	3
Ritalinic Acid		US (1)	1
Romifidine	Sedative, Analgesic	FR (1)	1
Salbutamol	B2-Adrenergic Receptor Agonist		

I. RACING DAY SAMPLES

Salbutamol, flunixin	B2-Adrenergic Receptor Agonist, Anti-Inflammatory, Analgesic		
Salicylic Acid (metabolite of aspirin)	Anti-Inflammatory	ZA (1)	1
Scopolamine	Muscarinic Antagonist	CY (1), AR (2)	3
Sertraline		US (1)	1
Sildenafil	Vasodilator	TR (1)	1
Snake venoms	Various, Cobratoxin is an Analgesic Substance		
Sotalol	Beta Blocker, Antiarrhythmic		
Stanozolol	Anabolic Steroid	BR-RJ (1), PE (4)	5
Stanozolol metabolites	Anabolic Steroid		
Strychnine	Tonic, Central Stimulant	IN (1), AR(5)	6
Sulfadiazine	antibiotic		
Synephrine			
TCO2	Bicarbonate	AU (7), AE (1)	8
Tenoxicam		TR (1)	1
Temazepam	Sedative, Hypnotic	UK (1)	1
Terbutaline	Bronchodilator		
Testo > seuil			
Testosterone	Androgen	AU (5), TR (3), BH (2), CY (1), MY (2)	13
Testosterone Propionate	Androgen, Anabolic Steroid		
Tetramisole, pemoline	CNS Stimulant		
Theobromine	Myocardial Stimulant, Weak Diuretic	AU (2), TR (1), CZ (2), FR (1), AR (1)	7
Theophylline	Cardiac Stimulant, Vasodilator, Diuretic	FR (1), OM (2), AR (2)	5
Thioridazine	Neuroleptic		
Thorazine	Antipsychotic		
Tiaprofenic Acid	NSAID		
Timolol		MA (1)	1
Tramadol	Analgesic	UK (5), US (6), UY (1)	12
Tranexamic acid	Hemostatic		
Triamcinolone	Glucocorticoid, Anti-Inflammatory	DE (1), UK (5)	6
Triamcinolone acetonide	Glucocorticoid, Anti-Inflammatory	FR (5)	5
Triamterene		TR (1)	1
Tribromethanol		BR-RJ (1)	1
Trichlormethiazide	Diuretic	US (1)	1
Trimeprazine		FR (4)	4
Tripelennamine	Anti-Histaminic		
Valdecoxib			
Vedaprofene			

I. RACING DAY SAMPLES

Verapamil	Anti-Arrhythmic Agent		
Venlafaxine		IN (5), IN- RWITC (5)	10
Xylazine	Sedative, Analgesic	AU (1), PE (3), US (1), AR (1), CL (1)	7
Xylometazoline			
Yohimbine	Stimulant		
Zilpaterol	Beta-2 Adrenoceptor Agonist, Growth Stimulant	US (9)	9
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	129	yes	yes	no	yes	
Australia	87	yes	yes	yes	yes	
Austria	0					
Bahrain	5	yes	yes	no	no	
Belgium	0	no	yes	no	no	
Brazil (Brasileiro)	8	yes	yes	no	no	
Brazil (Sao Paulo)	0					
Chile	14	yes	no	no	no	
China (Hong Kong)	4	yes	yes	no	no	
Croatia	0					
Cyprus	11	yes	no	no	no	
Czech Republic	4	yes	yes	yes	no	
Denmark	0					
France	26	yes	yes	no	yes	
Germany	3					
Greece	0	yes	yes	yes	yes	
Hungary	0					
India	21	yes	yes	yes	no	
India (DRC)	7	yes	yes	yes	no	
India (MRC)	2	yes	yes	no	no	
India (RWITC)	8	yes	yes	yes	no	
Ireland	4	yes	yes	no	yes	
Italy	0					
Japan (JRA)	1	no	yes	no	yes	
Japan (NAR)	2	yes	yes	no	no	
Lebanon	8	yes	no	no	no	
Macau	0					
Malaysia	11	yes	yes	no	no	
Mauritius	3	yes	yes	yes	no	
Mexico	0					
Morocco	17	yes	yes	yes	no	
the Netherlands	3	yes	yes	yes	no	
New Zealand	0	yes	yes	yes	no	
Norway	0					
Oman	22	yes	yes	no	no	
Panama	0					
Peru	11	yes	yes	yes	yes	
Poland	2	yes	no	no	yes	
Qatar	0					
Saudi Arabia	0					
Serbia	0					
Singapore	4	yes	yes	no	yes	
Slovakia	0					
South Africa	15	no	yes	yes	yes	
Spain	1	yes	no	no	no	
Sweden	0					
Switzerland	0	yes	no	no	no	
Tunisia	3	yes	yes	yes	no	
Turkey	63	yes	yes	no	no	
United Arab Emirates	8	yes	yes	no	yes	
United Kingdom	14	yes	yes	no	yes	
USA	0					
Uruguay	21	yes	yes	no	no	

II. TESTING IN TRAINING

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
3-hydroxy-N-methylmorphinan	Opioid	MY (2)	2
16 beta-idrossistanozolol	Anabolic		
Acepromazine	Tranquilizer		
Acepromazine metabolites	Tranquilizer		
Acepromazine-Hydroxyethylpromazine (Acepromazine metabolite)	Tranquilizer		
Acepromazine, 2 (hydroxyethyl) promazine sulfoxide		ZA (1)	1
Ambroxol	mucolytic agent		
Ambroxol, Tranexamic acid	mucolytic agent, Hemostatic		
Aminorex	Stimulant		
Andarine (S-4)	Selective Androgen Receptor Modulator		
Arsenic	Toxic element		
Arsenic, dexamethasone, oxyphenbutazone, phenylbutazone	Glucocorticoid, Anti-Inflammatory, Analgesic		
Atenolol	Beta-1 Receptor Antagonist		
Betamethasone	Analgesic		
Betamethasone, hydroxyomeprazole, omeprazole, oxyphenbutzone, phenylbutazone	Glucocorticoid, Anti-Inflammatory, Analgesic, Gastric Secretory Inhibitor, Anti-Ulcerative		
Boldenone	Anabolic	IN (1), IN-RWITC (1)	2
Butorphanol	Analgesic, Antitussive	CN (3)	3
Butorphanol, clenbuterol, hydroxydetomidine	Analgesic, Antitussive, Bronchodilator, Sedative		
Butorphanol, flumetasone, omeprazole, oxyphenbutazone and phenylbutazone			
Butylscopolammonium	Anti-Spasmodic		
Caffeine		FR (1)	1
Clenbuterol	Bronchodilator	SG (1), Cn (1)	2
Clenbuterol, dembrexine	Bronchodilator, Expectorant, Mucolytic		
Clenbuterol, hydroxyomeprazole, meloxicam	Bronchodilator, Gastric Secretory Inhibitor, Anti-Ulcerative, NSAID, analgesic		
Clenbuterol, Oxyphenbutazone, phenylbutazone	Bronchodilator, Anti-Inflammatory, Analgesic		
Dembrexine	Expectorant, Mucolytic		
Dexamethasone	Glucocorticoid, Anti-Inflammatory	CN(1)	1

II. TESTING IN TRAINING

Dexamethasone, oxyphenbutazone, phenylbutazone	Glucocorticoid, Anti-Inflammatory, Analgesic		
Diazepam	Anxiolytic, Sedative, Muscle Relaxant (skeletal)		
Diazepam, nordazepam, temazepam	Anxiolytic, Sedative, Muscle Relaxant (skeletal)		
Diclofenac	Anti-Inflammatory	CN (2)	2
Ephedrine Phenylpropanolamine pseudoephedrine			
Ethylestrenol	anabolic steroid	IE(2)	2
Flumethasone	Glucocorticoid, Anti-Inflammatory		
Flunixin	Anti-inflammatory		
Flunixin, Hydroxyxylazine	Anti-inflammatory, Sedative, Analgesic		
Fluphenazine	Neuroleptic		
Furosemide	Diuretic		
Heptaminol	Cardiotonic		
Hydrochlorothiazide	Diuretic	FR (1)	1
Hydrocortisone	Corticosteriod	AU (2)	2
Hydroxydetomidine		CN (3)	3
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	CN (4)	4
Hydroxyomeprazole, omeprazole, Dexamethasone	Gastric Secretory Inhibitor, Anti-Ulcerative, Glucocorticoid, Anti-Inflammatory		
Hydroxyomeprazole, omeprazole, hydroxydantrolene	Gastric Secretory Inhibitor, Anti-Ulcerative, muscle relaxant		
Hydroxyomeprazole, omeprazole, Hydroxyxylazine, Xylazine	Gastric Secretory Inhibitor, Anti-Ulcerative, Sedative, Analgesic		
Hydroxyomeprazole, omeprazole, meloxicam	Gastric Secretory Inhibitor, Anti-Ulcerative, NSAID, analgesic		
Hydroxyomeprazole, omeprazole, trometamol	Gastric Secretory Inhibitor, Anti-Ulcerative		

II. TESTING IN TRAINING

Hydroxyxylazine	Sedative, Analgesic	CN (1)	1
Ibuprofen	NSAID	AU (6)	6
Lidocaine		FR (1)	1
Meloxicam	NSAID, analgesic	FR (1), ZA (1)	2
Meloxicam, oxyphenbutazone, phenylbutazone	NSAID, Anti-Inflammatory, Analgesic		
Methandienone	anabolic steroid		
Methocarbamol	Muscle Relaxant (Skeletal)		
Methylprednisolone	Glucocorticoid, Anti-Inflammatory		
Nandrolone	Anabolic		
Norethandrolone	Anabolic Steroid		
Omeprazol	Gastric Secretory Inhibitor, Anti-Ulcerative	FR (1), CN (4)	5
Oxyphenbutazone	Anti-Inflammatory, Analgesic	MY (2), CN (2)	4
Oxyphenbutazone, phenylbutazone	Anti-Inflammatory, Analgesic		
Oxyphenbutazone, phenylbutazone and triamcinolone acetonide	Anti-Inflammatory, Analgesic, Glucocorticoid, anti-inflammatory		
Phenylbutazone	Anti-Inflammatory, Analgesic	MY (14), CN (2)	16
Prednisolone	Glucocorticoid, Anti-Inflammatory		
Procaine	Local Anesthetic		
Promazine	Tranquilizer		
Promazine Hydroxymethyl	Tranquilizer		
Romifidine		FR (1)	1
Salicylic Acid	Anti-Inflammatory		
Stanozolol	anabolic steroid	IN (1), IN-RWITC (3)	4
Stanozolol metabolites	Anabolic Steroid		
Testosterone	Androgen	AU (3), IN (1), IN-RWITC (1), MY (2)	7
Testosterone propionate		ZA (2)	2
Theobromine		FR (1)	1
Theophylline		FR (1)	1
Tranexamic acid		CN (3)	3
Triamcinolone	Glucocorticoid, Anti-Inflammatory		
Triamcinolone acetonide	Glucocorticoid, Anti-Inflammatory	CN (1)	1
Trometamol			
Zilpaterol	Beta-2 Adrenoceptor Agonist, Growth Stimulant		
Zuclopentixol			

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>1) 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>2) 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>3) 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 Rodríguez (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>1) Not accredited 2) IRAM Norm ISO 9001:2008 Norma ISO/IEC 17025:2005 3) Not accredited</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>Queensland Queensland Government Racing Science Centre PO Box 513 Albion QLD 4010 Tel: +61 7 3862 1477 Fax: +61 7 3857 0035 Email: mark.jarrett@racing.qld.gov.au</p> <p>Western Australia 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>Victoria, South Australia & Tasmania 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>New South Wales, Northern Territory & Australian Capital Territory Australian Racing Forensic Laboratory Level 11 51 Druitt Street Sydney NSW 2000 Tel: +61 2 8344 5000 Fax: +61 2 9662 6107 Email: johnk@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 & 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 Racing NSW, Level 7 51 Druitt Street Sydney, NSW 2000 Tel: +61 2 8344 5050 Fax: +61 2 9662 6107 Email: csuann@racingnsw.com.au</p>
Austria	<p>Laboratoire des Courses Hippiques 15, Rue de Paradis F-91370 Verrieres-Le-Buisson secretariat@lchfrance.fr</p>	<p>Dr. Yves Bonnaire</p>		<p>Dr. Isabella Copar Iglaseegasse 72 A-1190 Wien / Vienna 43 664 226 4790 (mobile) 43 1 369 3 47 (Fax) Isabella.copar@chello.at</p>
Bahrain	<p>Equine Forensic Unit Central Veterinary Research Laboratory P.O. Box 597 Dubai, UAE Tel: +9714 3366082 Fax: +9714 3349343 Email: peterfu@emirates.net.ae</p>	<p>Mr. Ali Redha</p>	<p>Yes - NATA</p>	<p>Dr. Rebecca Mouncey P.O. Box 25079 Kingdom of Bahrain Tel: +973 17440440 Fax: +973 17442777 rebeccamouncey@hotmail.co.uk</p>

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
Belgium	Laboratoire des Courses Hippiques 15 Rue de Paradis 91370 Verrieres le Buisson France Tel 33(0) 1 69 75 28 28 secretariat@lescourseshippiques.com	Dr. Yves Bonnaire	COFRAC	VAN DOOREN David Route de Wallonie 31A Mons 7011, Belgium david.van.dooren@trotting.be 32 475622825
Brazil	Chromatox Address: Rua Havai, 547/549 - Sumare - Sao Paulo - SP Tel: (55) (11) 3868-4044 chromanalysis@chromanalysis.com.br	Myriam Salvadori Also use LCH in France for group races	Yes - INMETRO - ISO 17025	Dr. Juliana Braga Vieira Address: Jockey Club Brasileiro/Praca Santos Dumont, 31 - Gavea - Rio de Janeiro - RJ, 222470022 Tel: (55) (21) 3534-9058 juliana.vieira@jcb.com.br
	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	Mirtes Eliete Velletri de Souza CRF 5831, Coordenadora de Departamento	Works with ISO 17025 system and is in the way to be accredited on that.	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 anti.dopagemvet@jockeysp.com.br
Chile	Laboratorio de la Facultad de Quimica y Farmacia de la Universidad de chile Santos Dumont 964 Tel:+56-2-2978 28 00 Email: veterinaria@hipodromochile.cl	Dr. Cristian Camargo Dr. Cristian Nunez J.	Not accredited	Arnaldo Croxatto Hipodromo Chile Avenida Hipodromo Chile 1715 B, Santiago, Region Metropolitana 8380000, Chile veterinaria@hipodromochile.cl 222709315
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 Curi 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.curi@hkjc.org.hk
Croatia				Stjepan Jimundia dr. vet. Med. simundzas@gmail.com 00385 98 371 590
Cyprus	LGC Newmarket Road, Fordham, Cambridgeshire, CB7 5WW UK Tel: 44 (0) 1638720500 Fax: 44 (0) 1638724200 Email: info@lgcgroup.com	Dr. Clive Pearce, Head of LGC's Sport and Specialised Analytical Services	yes	Dr. Popi Stylianou/ Dr. Papis Christodoulou- Deputy Directors of Veterinary Services Veterinary Services, 1417 Nicosia, Cyprus Tel. 00357 - 22805250 Fax. 00357 - 22332803 E-mail: director@vs.moa.gov.cy
Czech Republic	Deutsche Sporthochschule Koln, Institut fur Biochemie Carl - Diem Weg 6 509 33 Koln, Germany Tel: 0049 221 4982-4920 Email: schaenzer@dshs-koeln.de	Prof. Wilhelm Schanzer	WADA AORC Iso 17025.2005	MVDr. Ivo Strauss Jockey Club Ceske republiky, Radotinska 69, Praha 5, 159 00, Ceska republika Tel: 00420 603 517 924 Fax: +420 466 263 101 Mobil: +420 777 783 300 Email: strauss@wo.cz
Denmark	Statens Veterinarmedicinska Anstalt SE-751 89 Uppsala Phone '+46 - 18 67 40 00 Fax '+46 - 18 30 91 62	Mikael Hedeland	SWEDAC, the Swedish accreditation body, ISO 17025	Helge Jakobsen Hesteklinikken Ordruo Jaqtvej 201 DK-2920 Charlottenlund Phone '+45 - 70 26 37 07
France	Laboratoire des Courses Hippiques - L.C.H. 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	Dr. Paul-Marie Gadot - Head of Horse and Control Department Societe France Galop - 46, Place Abel Gance - 92655 Boulogne Cedex (France) Tel. +33 (0)1 49 10 23 25 - Mobile: +33 (0)6 85 54 31 56 - Fax: +33 (0) 1 49 10 21 55 pmgadot@france-galop.com
Germany	Institut fur Biochemie - Deutsche Sporthochschule Koln Am Sportpark Mungersdorf 6 Koln 50933 Tel: 0049-221-4971313 Fax: 0049-221-4973236 Email: schaenzer@biochem.dshs-koeln.de	Prof. Dr. Wolfgang Schanzer	WADA AORC Iso 17025.2005	Dr. Thomas Weinberger Burg Muggenhausen Weilerswist 53919 Tel. 0049-2254-96260 Fax 0049-2254-962777 email: burg.mueggenhausen@t-online.de

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
Great Britain	HFL Sport Science Newmarket Road, Fordham, Cambridgeshire CB7 5WW Tel: +44 (0) 1638 720500 Fax: +44 (0) 1638 724200 Email: info@hfl.co.uk			
Greece	Athens Doping Control Lab, OAKA OLYMPIC STADIUM, MAROUSI, GREECE 00302106834567/6262543/6853074 osaka@ath.forthnet.gr	Manolis Lyris Phd Tel: 00306976563007	WADA AORC ISO/IEC 17025	Petros Zafeiris/P.O. Box 78, 190.03 Markopoulo Mesogaras, GREECE 00302299041332 pzafeiris@yahoo.gr Tel: 00306944457420
Hungary	German Sport University, Institute of Biochemistry, Am Sportpark Muersdorf 6, 50933 Cologne, Contact: Doris Sagioglou, d.sagioglou@biochem.dshs-koeln.de. Tel: +49-221-49824940	Dr. Wilhelm Schanzer	International Federation of Horseracing Authorities	Dr. Pal Tuska 6090 Kunszentmiklos, Mikulas str. 2. Hungary tuskapal1@gmail.com 36-20-274-92-62
India	1. CVRL, Equine Forensic Unit, PO Box No. 597, Dubai, UAE Tel: +97143366082, Fax: 0097143349343 2. Racing Laboratory, Hong Kong Jockey Club, 6/FL, Central Complex, Sha Tin Racecourse, Sha Tin, NT, Hong Kong; Tel: +852 2966 6309, Fax: +852 2601 6564 3. LGC Standard UK., New Market Road, Fordham, Cambridgeshire, CB7 5WW, UK, Tel: 0044 1638 720500, Fax: 0044 1638 724200 4. Laboratoire Des Courses, Hippiques, 15 Rue De Paradis 91370, Verrieres Le Buisson, France, Tel: 033169752828, Fax: 033169752829 5. Madras Race Club Analytical Laboratory, P.O. Box no. 2639, Guindy, Chennai - 600032, India, Tel: 00914422452720, Fax: 00914422351553 6. National Dope Testing Laboratory JN Stadium complex, Lodhi Koad New Delhi - 110 003, Tel: 091-11-2436 5530 drabeotra@gmail.com	1. Mr. Peter Albert, CVRL, Dubai 3. Dr. Clive Pearce, LGC, UK 2. Dr. Terence S M Wan (Hong Kong) 4. Dr. Yves Bonnaire (France) 5. Mr. K Sankar, Professional member, AORC, Analyst - MRCAL, Chennai, India 6. Dr. Alka Beotra, Scientific Director & PT coordinator	1. CVRL - NATA 2. Hong Kong 3. HFL - UKAS 4. LCH - France - CONFRACT-ESSAIS ISO/IEC 17025 & ILAC G7 WADA	1. Dr. S K Kulkarni, Senior Veterinary Officer Royal Western India Turf Club Ltd., Mahalaxmi, Mumbai -400034, Tel: 022 23071401 (Mumbai) 02026361871 (Pune), Fax: 02223011972 (Mumbai) 02026360687 (Pune), Email: drskkvet@gmail.com, Mobile: 09225627950 2. Dr. S M Karthikeyan, Senior Veterinary Officer, Madras Race Club, Guindy, Chennai 600032, Tel: 044 22351171/2/3/5, Fax: 04422452908 Email: karthihorsevet@gmail.com 3. Dr. B.S. Thimmappa Chief Veterinary Officer, Bangalore Turf Club Ltd, No. 52 Race Course Road, P.O. Box 5038, Bangalore 560001, Tel: 0091-80-22262391/2/3/5, fax: 080-22207425, sectbt@yahoo.com 4. Dr.Shankar Kar, Royal Calcutta Turf Club, Calcutta Race Course, Hastings, Kolkatta - 700022, Tel: 033 22487170/22486232, Fax: 04024548493, rtcsys@cal2.vsnl.net.in 5. Dr. K Venugopal Reddy, Senior Veterinary Officer, Hyderabad Race Club, Malakpet, Hyderabad-50036, Tel: 040-24549491/2, Fax: 040-24548493, venubethyd@yahoo.com 6. Dr. C.V. Niranjan, Senior Veterinary Officer, Mysore Race Club Ltd., PO Box no. 11, Race Course Road, Mysore-570010, Tel: 0821 2521675 Fax: 08212520248, chaluva_n@hotmail.com Dr. S. Veer Vikram Malhotra, Delhi Race Club (1940) Ltd, opp p.m house race course road, New Delhi, 110003 vikram.vet@gmail.com +09871490564
India (DRC)	CVRL, Equine Forensic Unit, PO Box No. 597, Dubai, UAE +97143366082	Mr. Peter Albert	Turf Authorities of India (Tai)	
India (MRC)	1.National Dope Testing Laboratory, JN Stadium Complex (near MTNL building), Lodhi Koad , New Delhi 110 003 +91-11-24368850 ndtindia@nic.in 2. HKJC Racing Laboratory, Shatin Race Course, Hong Kong, 999 077, +85239049316.	1. Dr. Alka Beotra 2. Dr. Terence Wan	1. National Standard 2. National Standards of Hong Kong	Dr.S M Karthikeyan, Madras Race Club, Guindy, Chennai, 600 032, +04422351171, karthi.horsevet@gmail.com
India (RWITC)	1.National Dope Testing Laboratory, Ministry of Youth Affairs and Sports, JN Stadium Complex (near MTNL building), Lodhi Koad , New Delhi 110 003 +91-11-24368850 drabeotra@gmail.com	Dr. Alka Beotra	WADA	Dr.S M Karthikeyan, Royal Western India Turf Club Ltd., Mahalazmi, Race Course Mumbai, Mumbai, Maharashtra, 400 034, +02223071407, vet@rwitc.com
Ireland	BHP Laboratories New Road, Thomondgate, Limerick 1234 Tel: 00 353 61 455 447 Email: colettehannan@bhp.ie	Mr. Dermot Purcell	Accredited to ISO 17025 National Accreditation Board (INAB)	Terry Smith, Turf Club, 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: terryjasmith@hotmail.co.uk
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	
Japan (JRA)	Laboratory of Racing Chemistry 1731-2 Tsuruta-machi Utsunomiya, Tochigi 320-0851 Japan Tel: +81-28-647-4460 Fax: +81-28-647-4463 Email: i-suda@lrc.or.jp	Dr. Hiroyuki Masumitsu (President)	Yes. It is accredited to ISO/IEC 17025 by The Japan Accreditation Board	Dr. Kazuhisa Hariu Senior Technical Advisor of Equine Department Japan Racing Association 11-1 Roppongi 6-Chome Minato-ku, Tokyo 106-8401 Japan Phone: +81-3-5785-7504 Fax: +81-3-5785-7526 Email: Kazuhisa_Hariu@jra.go.jp
Japan (NAR)	Laboratory of Racing Chemistry 1731-2 Tsuruta-machi, Utsunomiya, Tochigi, 320-0851 JAPAN Tel: +81-28-647-4455 Fax: +81-28-647-4458 Email: i-suda@lrc.or.jp	Dr. Hiroyuki Masumitsu (President)	ISO / IEC 17025	Dr. Shuhei Nishizawa (manager of Racing Regulatory Department) Tel: +8133582145 Fax: +81-3-3583-8874 nishizawa@nar.keiba.go.jp
Lebanon	Aziz Geachan Laboratory Hippodrome du Parc de Beyrouth Avenue Omar Beyhum B.P 116/5518 Beyrouth Tel: +961 632 515 Fax: +961 632 535 sparca.leb@gmail.com	Prof. Aziz Geachan	None	Dr. Elie Rizkallah Hippodrome du Parc de Beyrouth Avenue Omar Beyhum B.P 116/5518 Beyrouth sparca.leb@gmail.com Tel: + 961-1-632-515

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
Macau	Racing Analytical Services, Melbourne 400 Epsom Road Flemington VICTORIA AUSTRALIA Email: rasl@rasl.com.au Tel: +61 3 9376 6760 / Fax: +61 3 9376 6875	Dr. David Batty	NATA	Dr. Grant Scott, BSA., DVM., DACVS, Senior Veterinary Surgeon Macau Jockey Club, Hipodromo da Taipa, MACAU Email: mjvetdr@macau.ctm.net Tel: +853 83977527 Fax: +853 28820032
Malaysia	Veterinary Forensic Laboratory, c/o Usains Bionmics Sdn. Bhd Suite 016 Ground Floor Eureka Complex Universiti Sains Malaysia 11800 USM Minden Penang, Malaysia Email: admin@usainsbiomics.com; tansc88@gmail.com Tel: +604-656-9796 Fax: +604-656 9796	Dr. Tan Soo Choon	None	Dr. Alistair Ivan King Murdoch Perak Turf Club Jalan Raja Dihilir Perak, Ipoh, Perak 30350 equinehospital@perakturfclub.my 605-254-9076/254 2237 Dr. Khor Li Li/ Penang Turf Club Batu Gantong Road, Georgetown, Penang 10450 pntcvet@yahoo.com 604-2385288 Dr. Shri Kanth Kanaesalingam Selangor Turf Club Jalan Sungei Besi, Juara Lumpur 57100 shri73@gmail.com 603 9058 3888
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 ACCLASS 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
Morocco	1)Laboratoire de Controle Antidopage (L.C.A.) IAV Hassan II, PO: 6202 Rabat-Instituts, Rabat, Morocco Tel: (+212) 537 77 07 83 E-mail: lca.marco@yahoo.fr / pr.abdennebi@yahoo.fr 2)Laboratoire des Course Hippiques 15, Rue de Paradis 91370 Verrieres le Buisson France email: secretariat@lchfrance.fr Tel: 33169752828	1)Dr. El Hassane Abdennebi 2) Dr. Yves Bonnaire	1)In Progress 2) COFRAC/ ISO 17025	not provided
Netherlands	1)Laboratoire des Course Hippiques 15, Rue de Paradis 91370 Verrieres le Buisson France email: secretariat@lchfrance.fr Tel: 33169752828 2) LGC Newmarket Road, Fordham, Cabridgeshire CB7 5WW UK email: info@lgcgroup.com tel: 441638720500	1)Dr. Y. Bonnaire 2)not provided	Yes, but not provided	C.W. Mellegers St. Ned. Draf-en Rensport, Postbus 60 NL-2240 AB Wassenaar Tel +31-703047142 Fax +31-703047125 email: c.mellegers@ndr.nl Mob: +31 622448772
New Zealand	New Zealand Racing Laboratory Services Ltd. PO Box 19514, Avondale Auckland 1746, New Zealand Tel: +64 9 828 0470 Fax: +64 9 828 0472 lab@nzrls.co.nz	Rob Howitt, General Manager & Official Racing Analyst	International Accreditation New Zealand (IANZ) ISO:17025 and ILAC-G7	Dr. Andrew Grierson, PO Box 82, Takanini, Auckland 1730 T: Bus: 09 299 8932; Fax: 09 298 6343; Mobile: 021 924 480; Email: andrew@aucklandvets.co.nz
Norway	SVA Statens Veterinarmedicinska Anstalt Ullsvag 2 b, Uppsala, Sweden, www.sva.se, sva@sva.se, Tel: +46 18674000 HFL Sports Science, Newmarket, England	SVA: Mr Mikael Hedeland, avd for kjemi SVA, T: +46 18674209		Chief Veterinary Anne Wangen Mob: +47 90557115 Anne.wangen@travsport.no

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
Oman	1) Racing Forensic Laboratory PO Box 64, Seeb Muscat 111, Oman rsdsilva@rca.gov.om Tel: 968-96260853 2) Equine Forensic Laboratory PO Box 597, Dubai, United Arab Emirates peterrefu@emirates.net.ae Tel: 971-4-3366082	1) Robert D'Silva 2) Peter Albert	1) AORC 2) NATA ISO/IEC 17025	Dr. Ayoub bin Rajab Al Bulushi Royal Veterinary Clinic PO Box 64 Seeb, Muscat 111, Oman arabulushi@rca.gov.om 968-2442411
Panama	Laboratory of Analisis and Drugs Phone: 507-2337420	Lic. Luis Garrido	University Fundation is directed by the Universidad de Panama	Dr. Guido Tufon - Magdaleno Villarreal Phone: 507 67807309 email: tguido@hotmail.com
Peru	1) Industrial Laboratories 4046 Youngfield St., Wheat Ridge, Colorado 80033, USA www.industrialallabs.net 303-287-9691 2) Laboratorio de Analisis Antidoping de la Universidad de Chile Casilla, 233, Santiago 1, Chile doping@ciquchile.cl 56-2-2978-2800	1) Petra Hartmann 2) Dr. Christian Camargo	1) AORC/RMTC/DEA/AALA 2) ALA/WAADS/AORC/CIWDA AALC	Dr. Pedro Moreno Sarmiento Jockey Club Del Peru Av. El Derby S/N Puerta #3, Surco, Lima 039 Peru aalberti@jcp.org.pe 51-1-610-3000
Poland	Laboratoire des Courses Hippiques (LCH) 15 Rue, de Paradis 91370 Verrieres Le Buisson Tel: 33 1 69 75 28 28 Fax: 33 1 69 75 28 29 lch@lchfrance.fr	Dr. Yves Bonnaire	Yes by COFRAC	Dr. Adam Wasowski Szpital Koni Sluzewiec ul. Pulawska 266, Warsaw 02-684, Poland Mobile: +48 22 852 20 85 Email: wet@szpitalkoni.com.pl
Qatar	Quantilab Ltd, Socota Phoenicia, Sayed Hossen Street. Phoenix. Mauritius T (230) 4275807 F (230) 4275182 BRN C13119812 VAT27250970 Laboratoire des Courses Hippiques, 15 rue de Paradis, 91373 Verrieres le Buisson - France Tel: +33 1 69 75 28 28 Fax: +33 1 69 75 28 29			
Saudi Arabia	Laboratoire des Coures Hippiques 15 Rue de Paradis, 91370 Verrieres Le Buisson Tel: +33 1 69 75 28 28 Fax: +33 1 69 75 28 29 Racing Laboratory, The Hong Kong Jockey Club 6/F Central Complex She Tin Racecourse.. She Tin, New Territories TEL: +852 2966 6296 FAX: +852 2601 6564	Dr. Yves Bonnaire <i>Director of Laboratory</i> Director of Laboratory des courses hippiques France - Paris Dr. Terence S.M. Wan <i>Chief Racing Chemist</i> (Head of Racing Laboratory) Hong Kong		Dr. Waleed Mehtab Gul <i>Veterinary Officer</i> P.O. Box 26323, Riyadh, 11486, Kingdom of Saudi Arabia TEL: +966 11 254 0111 Ext. 3565 FAX: +966 11 254 0160 MOBILE: +966 50 566 3966 E-MAIL: walsanab@frusiya.com
Serbia	Deutsche Sporthochschule Koln Institut fur Biochemie Am Sportpark Mungersdorf 6 50933 Koln Tel: +49.221 4971313 Fax: +49.221 4973236	Prof Dr. W. Schanzer	WADA AORC ISO	
Singapore	Singapore Turf Club Laboratory 1 Turf Club Avenue Singapore Racecourse Singapore 738078 Tel: +6568791930 Fax: +65 6879 1939 Email: labsupport@turfclub.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@turfclub.com.sg
Slovakia	Deutsche Sporthochschule Koln Institut fur Biochemie Am Sportpark Mungersdorf 6 50933 Koln, Germany Tel: 49 (0)221-497 1313 Telefax: 49 (2)221-4973236 E-mail: schaenzer@biochem.dshs-koeln.de	Prof. Dr. Wilhelm Schanzer	ISO/IEC 2005:17025	MVDr. Radoslav Kristolic Regionalna veterinarna a potravinnova sprava Bratislava - mesto Polianky 8, 841 01 Bratislava, Slovakia tel: 00421 918 696 847 email: ZdravieZvierat.Ba@svps.sk fax: 00421 (2)644 61 208
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- Turffontein Racecourse 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 lch@lchfrance.fr Tel. 33(0)1-69-75-28-28 Fax: 33(0)1-69-75-28-29	Dr. Yves Bonnaire	yes	Isabel Santiago Compluvet Gregorio Ordóñez, 5, Algete, 28110, Espana grupoconsulteq@gmail.com 649674911

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
Sweden	National Veterinary Institute Statens Veterinärmedicinska Anstalt ulf.bondesson@sva.se 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 goran.akerstrom@travsport.se
Switzerland	Laboratoire des Courses Hippiques 15 Rue de Paradis F-91370 Verrieres-le-Buisson Tel: +33 1 69 75 28 28 lch@lchfrance.fr	Dr. Yves Bonnaire	COFRAC ISO 17025	Federation Suisse des Courses de Chevaux Dr. Gilles Thiebaud Les Longs-Prés 1a, Case postale 175 CH-1580 Avenches, Suisse 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, Paris, France Tel: 0033 1 69 75 28 28 Fax: 0033 1 69 75 28 28 29 y.bonnaire@lchfrance.fr	Dr. Yves Bonnaire	COFRAC Accreditation N 1-0804	Dr. Lanolssi Faouzi Societe Des Courses Hippiques Hippodrome De Kassar Said, Douar Hicher, Tunis, 2086 Tunisie sch@sc-hippique.tn Tel: +21671653297
Turkey	Central Veterinary Control and Research Institute Ahmet Sefik Kolayli Cad. No: 21-21/A 06020 Etilik/ ANKARA-TURKEY 06020 Telephone: +90 312 326 00 90 Fax: +90 312 321 17 55 etilik.vkmae@tarim.gov.tr	Dr. Ozhan TURKYILMAZ, Director Mr. Erdal Turhan, Chief of Doping Laboratory	Turkak (ILAC) TS EN ISO 17025	Muharrem Selcuk The Ministry of Food, Agriculture and Livestock Eskisehir Yolu 9. km Lodumlu/ANKARA-TURKEY Telephone: +90 312 258 76 12 muharrem.selcuk@tarim.gov.tr
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: info@lgcgroup.com	Dr. Clive Pearce	Accredited by UKAS ISO 17025	Dr. Jennifer Hall/ British Horseracing Authority 75 High Holborn London WC1V 6 LS Tel: +44 (0) 7887 051932 Mobile: +44 (0) 7887 051932 Email: jehall@britishhorseracing.com
United Arab Emirates	Equine Forensic Laboratory Central Veterinary Research Laboratory PO Box 597, Dubai, United Arab Emirates email: peterefu@emiratesracing.net.ae Tel: +9714 3349343	Dr. Peter Albert	NATA accreditation	Dr. David Sykes Emirates Racing Authority Meydan Racecourse PO Box 9452, Dubai UAE email: david.sykes@emiratesracing.com Tel: +971501891448

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	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	
	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	

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
	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	Laboratorio Secretaria Nacional de Deporte Av. 8 de Octubre 3174 Montevideo - 11600- Uruguay Tel/Fax (00598) 92244336 cstanko@gmail.com	Quim. Carola Stanko	Not accredited	Dr. Rita Rocca/ HRU S.A. José Maria Guerra 3540 Montevideo - CP 12000 - Uruguay Tel (00598) 99511262 rocca@hru.com.uy

ACCORDING TO RULES OF RA

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?
ARGENTINA	no	yes	yes	no
AUSTRALIA	yes	no	yes	no
AUSTRIA				
BAHRAIN				
BELGIUM	yes	yes	yes	yes
BRAZIL (Brasileiro)	no	yes	yes	no
BRAZIL (Sao Paulo)				
CHILE				
CHINA(Hong Kong)	yes	no	yes	no
CROATIA				
CYPRUS	yes	no	yes	no
CZECH REPUBLIC	no	yes	yes	yes
DENMARK				
FRANCE				
GERMANY	yes	yes	yes	yes
GREECE				
HUNGARY				
INDIA	yes	yes	yes	yes
INDIA (DRC)	yes	yes	yes	yes
INDIA (MRC)	yes	yes	yes	yes
INDIA (RWITC)	yes	yes	yes	yes
IRELAND	no	yes	yes	yes
ITALY				
JAPAN (JRA)	no	no	no	no
JAPAN (NAR)	yes	no	no	no
LEBANON	yes	yes	no	no
MACAU				
MALAYSIA	yes	yes	yes	yes
MAURITIUS				
MEXICO				

MOROCCO	no	yes	yes	yes
the NETHERLANDS	no	yes	yes	yes
NEW ZEALAND	no	yes	yes	yes
NORWAY				
OMAN	no	yes	yes	yes
PANAMA				
PERU	yes	yes	yes	no
POLAND	yes	yes	yes	yes
QATAR				
SAUDI ARABIA				
SERBIA				
SINGAPORE	no	yes	yes	yes
SLOVAKIA				
SOUTH AFRICA	no	yes	yes	yes
SPAIN	yes	yes	yes	yes
SWEDEN				
SWITZERLAND	no	yes	yes	yes
TUNISIA	no	yes	yes	yes
TURKEY	yes	no	no	no
UNITED ARAB EMIRATES	no	no	yes	no
UNITED KINGDOM	no	yes	yes	yes
USA				
URUGUAY	no	yes	yes	no

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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
yes	yes	yes	Phenylbutazone is authorized in non-black type races for 4 year old an older horses. Furosemide is authorized in races which aren't Group 1 and Group 2
no	no	no	
no	no	no	
yes	yes	no	
yes	yes	no	
yes	yes	no	
yes	yes	yes	no details provided
yes	yes	no	
yes	yes	no	
yes	yes	no	
yes	yes	no	
yes	yes	no	
yes	yes	no	
no	no	yes	Threshold For Boldenone is 0.020mg/ml. Estradiol is analysed based on the concentration ratio of 5a-estrane-3B, 17a-diol to 5(10)-estren-3B, 17a-diol
no	no	yes	Threshold for Boldenone is 0.020 mg/ml Estradiol is analysed based on the concentration ratio of 5a-estrane-3B, 17 a-diol to 5(10)-estran-3B, 17a-diol. For Theobromine we adopt zero-tolerance.
no	n/a	no	
yes	no	no	

			Domestically thresholds (about 20% less than the 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
yes	yes	yes	
yes	yes	no	
no	no	no	
yes	yes	no	
yes	yes	no	
yes	yes	no	
no	yes	no	
no	no	no	
yes	yes	no	
yes	yes	no	
yes	yes	no	
no	no	no	
no	no	no	
yes	yes	no	
yes	yes	no	