



2009 REPORT ON PROHIBITED SUBSTANCES

RAPPORT 2009 SUR LES SUBSTANCES PROHIBEES

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

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RACING DAY SAMPLES

COUNTRY	TOTAL NUMBER OF RACES (flat & jumps)	TOTAL NUMBER OF HORSES SAMPLED	HORSES SAMPLED PRE-RACE	HORSES SAMPLED POST-RACE	TOTAL BOTH URINE & BLOOD SAMPLED	BOTH URINE & BLOOD SAMPLED PRE-RACE	BOTH URINE & BLOOD SAMPLED POST-RACE	TOTAL URINE ONLY SAMPLED	URINE ONLY SAMPLED PRE-RACE	URINE ONLY SAMPLED POST-RACE	TOTAL BLOOD ONLY SAMPLED	BLOOD ONLY SAMPLED PRE-RACE	BLOOD ONLY SAMPLED POST-RACE	TOTAL NUMBER OF DECLARED POSITIVE CASES
Australia	19 438	41 414	12 084	29 330				16 406		16 406	25 008	12 084	12 924	71
Bahrain	152	198		198	198		198	74		74	124		124	0
Belgium	132	32	0	32	0	0	0	32	0	32	0	0	0	0
Brazil	1559*	3 146			546			1 872			114			20
Chile	1 579	1 978		1 978	1 978		1 978	1 682		1 682	296		296	5
Cyprus	1 028	1 057		1 057				1 057		1 057				13
Czech Republic	65	61						28			37			0
France	6 942	8 903		8 903	7 839		7 839	15		15	1 049		1 049	20
Germany	1 474	556			2			436			118			3
Great Britain	9 628	9 469			44			8 150			1 275			24
Greece	1 232	1 466		1 466				1 461		1 461	5		5	5
Hong Kong	749	11 434	9 427	2 007	1 989		1 989	9 298	9 298		147	129	18	1
Hungary	848	63			46		46				17		17	1
India	3 256	2 324	18	2 157				2 175	18	2 157	149		149	19
Ireland	2 444	2 530			29			1 746			755			7
Italy	4 662	7 006	963	6 313				4 560		4 560	2 716	963	1 753	27
Japan (JRA)	3 453	10 364		10 364				10 118		10 118	246		246	0
Japan (NAR)	14 249	32 867		32 867				29 499		29 499	3 368		3 368	2
Lebanon	364	390						330		330	60		60	3
Lithuania	39	4		4				4		4				2
Macau	571	1 227	69	1 158	1 227	69	1 158	947	69	878	277		277	8
Mauritius	280							314	24	290	2 702	2 698	4	9
Morocco	1 846	2 679			7			1 011			1 661			26
New Zealand		3 514	445	3 069				2 593		2 593	921	445	476	5
Oman	74	310									310			4
Poland	628	31		31	2		2	28		28	1		1	2
Qatar	274	480		480				400		400	80		80	6
Saudi Arabia	496 (flat)	2 332			1 166			966			200			13
Singapore	822	12 648	9 291	3 357	2 603		2 603	664		664	9 381	9 291	90	3
South Africa		4 596	219	276				4 101			495	219	276	13

Table 1

RACING DAY SAMPLES

COUNTRY	TOTAL NUMBER OF RACES (flat & jumps)	TOTAL NUMBER OF HORSES SAMPLED	HORSES SAMPLED PRE-RACE	HORSES SAMPLED POST-RACE	TOTAL BOTH URINE & BLOOD SAMPLED	BOTH URINE & BLOOD SAMPLED PRE-RACE	BOTH URINE & BLOOD SAMPLED POST-RACE	TOTAL URINE ONLY SAMPLED	URINE ONLY SAMPLED PRE-RACE	URINE ONLY SAMPLED POST-RACE	TOTAL BLOOD ONLY SAMPLED	BLOOD ONLY SAMPLED PRE-RACE	BLOOD ONLY SAMPLED POST-RACE	TOTAL NUMBER OF DECLARED POSITIVE CASES
Sweden	653	355		355				317		317	38		38	
Switzerland	214	82						41			41			1
Tunisia	350	261	162					162	162		99	99		8
Turkey	4 142	8 840	229	8 611				7 646		7 646	1 194	229	965	45
UAE	295	511		511				447		447	64		64	1
USA	114 283	150 000	0	150 000	115 000	0	115 000	8 000	0	8 000	27 000	22 000	5 000	959
Uruguay	1 025	2 051		2 030				2 030		2 030	21		21	15
Venezuela	2 620	6 155	0	6 155	80	0	80	5 338	0	5 338	737	0	737	20

RACING DAY SAMPLES

COUNTRY	DECLARED POSITIVES PRE-RACE	DECLARED POSITIVES POST-RACE	TOTAL DECLARED POSITIVE CASES ON URINE	DECLARED POSITIVE CASES ON URINE PRE-RACE	DECLARED POSITIVE CASES ON URINE POST-RACE	TOTAL DECLARED POSITIVE CASES ON BLOOD	DECLARED POSITIVE CASES ON BLOOD PRE-RACE	DECLARED POSITIVE CASES ON BLOOD POST-RACE	SUBSTANCES DETECTED IN OTHER HORSE COMPETITIONS
Australia			43			28			Phenylbutazone, Oxyphenbutazone, Prednisolone, Procaine, Didesmethyisbutramine, N-butylscopolammonium, Dipyrone, Bromide, Flunixin, Plasma TCO ₂ , Dexamethasone, Aminocaproic Acid, Caffeine, Theophylline, Paraxanthine
Bahrain									
Belgium	0	0	0	0	0	0	0	0	
Brazil			19			1			<i>*This data refers only to the number of races taken place in Cidade Jardim, at Jockey Club de Sao Paulo Race Track. The remaining competitions/events, which take place outside Jockey Club de Sao Paulo, are out of knowledgements.</i>
Chile		5	3		3	2		2	
Cyprus		13	13		13				
Czech Republic									
France		20							
Germany			1			2			
Great Britain			23			1			
Greece			5						
Hong Kong	1								
Hungary			1						
India			19						
Ireland			6			1			Phenylbutazone & Oxyphenylbutazone (1) in a Point to Point Sample
Italy			26			1			
Japan (JRA)									
Japan (NAR)		2	2		2				
Lebanon		3							
Lithuania		2	2		2				
Macau		8							N/A. Doping substances reported exclusively for the racing test samples provided by MJC.
Mauritius	9								
Morocco			7			19			
New Zealand			5						
Oman									
Poland		2	1		1	1		1	
Qatar		6	2		2	4		4	
Saudi Arabia			13						
Singapore		3	3		3				
South Africa		13	13		13				

Table 1

RACING DAY SAMPLES

COUNTRY	DECLARED POSITIVES PRE-RACE	DECLARED POSITIVES POST-RACE	TOTAL DECLARED POSITIVE CASES ON URINE	DECLARED POSITIVE CASES ON URINE PRE-RACE	DECLARED POSITIVE CASES ON URINE POST-RACE	TOTAL DECLARED POSITIVE CASES ON BLOOD	DECLARED POSITIVE CASES ON BLOOD PRE-RACE	DECLARED POSITIVE CASES ON BLOOD POST-RACE	SUBSTANCES DETECTED IN OTHER HORSE COMPETITIONS
Sweden									Lidocaine, Flunixin
Switzerland						1			
Tunisia	8		5	5		3	3		
Turkey		45	39		39	6		6	
UAE		1			1				
USA									
Uruguay		15	15		15				
Venezuela	0	20	19	0	19	1	0	1	

SUBSTANCES DETECTED

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
16B-Hydroxyl Stanozolol, Metabolites of Stanozolol	Anabolic	CYP (1)	1
16B-Hydroxyl Stanozolol	Anabolic	IND (1), SAF (2)	3
3-Hydroxy-N-Methylmorphinan	Narcotic, Analgesic	SIN (1)	1
4-Methylaminoantipyrine	Antipyretic, Analgesic	MACAU (4)	4
4-Methylaminoantipyrine, Barbitone	Antipyretic, Analgesic, Barbiturate	MACAU (1)	1
4-Methylaminoantipyrine, Barbitone, Caffeine, Theophylline, Paraxanthine	Antipyretic, Analgesic, Barbiturate, Stimulant, Bronchodilator	MACAU (2)	2
4-Methylaminoantipyrine, Dexamethasone, Promethazine, Promethazine Sulphoxide	Antipyretic, Analgesic, Anti-Inflammatory, Antihistamine	MACAU (1)	1
5a Estrane - 3B 17 Diol, Methandriol, Nandrolone	Anabolic	IND (1)	1
5a Estrane - 3B 17 Diol, Nandrolone	Anabolic	IND (2)	2
Acepromazine	Tranquilizer	GB (2), USA (6), VEN (5)	13
Ambroxol	Mucolytic	USA (1)	1
Aminocaproic Acid	Anti-Fibrinolytic	USA (8)	8
Aminorex	Anorectic Stimulant	IRE (1)	1
Antipyrine	Antipyretic, Analgesic	USA (1)	1
Atenolol	Receptor Antagonist	FR (6)	6
Atenolol, Morphine	Receptor Antagonist, Analgesic	FR (1)	1
Betamethasone	Glucocorticoid, Anti-Inflammatory	BRZ (1), ITY (1), MTC (1), TUR (5)	8
Betamethasone, Diclofenac	Glucocorticoid, Anti-Inflammatory	FR (1)	1
Boldenone	Anabolic	BRZ (2), IND (2), ITY (1), SDA (1), USA (14)	20
Bromhexine	Mucolytic	TUR (1)	1
Caffeine	Cardiac & Respiratory Stimulant	CHI (1), GER (1), IND (1), IRE (2), MOR (3), NAR (1), SDA (1), TUR (8), URU (6), USA (21), VEN (5)	50
Caffeine, metabolites	Cardiac & Respiratory Stimulant	NZ (1)	1
Capsaicin		TUN (4)	4
Carbazochrome	Antihemorrhagic	CYP (5), GR (5)	10
Carisoprodol	Muscle Relaxant	USA (1)	1
Cetirizine (metabolite of hydroxyzine)	Antihistamine	IND (1)	1
Cimetidine	Anti-Ulcerative, Gastic Secretory Inhibitor	USA (2)	2
Clanobutin	Choleretic	SAF (3), SDA (3)	6
Clenbuterol	Bronchodilator	BRZ (6), CHI (4), TUN (2), USA (28), VEN (1)	41
Cocaine	CNS Stimulant	GER (1), USA (1)	2
Cyclobenzaprine	Muscle Relaxant	USA (1)	1
Darbepoetin	Erythropoiesis Stimulant	AUS (2)	2
Dembrexine	Mucolytic	SIN (1)	1
Dembroxol	Mucolytic	USA (1)	1
Detomidine	Tranquilizer	USA (3)	3
Dexamethasone	Glucocorticoid, Anti-Inflammatory	BRZ (2), CYP (1), FR (6), GB (3), IND (1), ITY (1), QA (1), SDA (1), TUR (2), USA (24)	42
Dexamethasone, Hydrochlorothiazide	Glucocorticoid, Anti-Inflammatory, Diuretic	FR (1)	1
Dexamethasone, Hydrochlorothiazide, Triamcinolone Acetonide	Glucocorticoid, Anti-Inflammatory, Diuretic	FR (1)	1
Dexamethasone, Methylprednesolone	Glucocorticoid, Anti-Inflammatory, Diuretic	BRZ (1)	1
Dexamethasone, Phenylbutazone, Oxyphenbutazone, Caffeine	Glucocorticoid, Anti-Inflammatory, Cardiac & Respiratory Stimulant	BRZ (1)	1

Table 2

SUBSTANCES DETECTED

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
Dextromethorphan	Antitussive	USA (1)	1
Diclofenac	Anti-Inflammatory, Analgesic	USA (4)	4
Diclofenac 5a Estrane - 3B 17 diol, Oxyphenylbutazone and Phenylbutazone	Anti-Inflammatory	IND (1)	1
Dimethyl Sulfoxide	Anti-Inflammatory, Analgesic	USA (16)	16
Dipyron	Antipyretic, Analgesic	SDA (1), TUR (5), USA (1), VEN (1)	8
Ephedrine	Sympathomimetic	SDA (1), USA (2)	3
Ergonovine		USA (11)	11
Ethanol	Depressant	USA (1)	1
Etofylline	Vasodilator	IND (1), MTC (2)	3
Fludiazepam	Sedative, Muscle Relaxant	USA (1)	1
Flunixin	Anti-Inflammatory, Analgesic	BRZ (2), MOR (8), SDA (2), USA (231), VEN (1)	244
Flunixin, Furosemide	Antipyretic, Analgesic, Diuretic	BRZ (1)	1
Fluphenazine	Tranquilizer	SWI (1)	1
Formoterol	Bronchodilator	CYP (1)	1
Furosemide	Diuretic	BRZ (1), IRE (3), SAF (1), USA (33)	38
Gabapentin	Anticonvulsant	USA (5)	5
Glycopyrrolate	Anti-Ulcerative, Gastic Secretory Inhibitor	USA (10)	10
Guaifenesin	Antitussive, Muscle Relaxant	TUR (2), USA (6)	8
Guanabenz	Antihypertensive	USA (1)	1
Heptaminol	Cardiotonic	SAF (1), TUR (2), USA (1)	4
Hydrochlorothiazide	Diuretic	GB (1)	1
Hydroxy Lidocaine	Local Anesthetic	QATAR (1)	1
Hydroxyamphetamine	SNS Stimulant	USA (1)	1
Ibuprofen	Anti-Inflammatory, Analgesic	ITY (1)	1
Indomethacin	Anti-Inflammatory	NZ (2)	2
Ipratropium	Bronchodilator	USA (4)	4
Isoflupredone	Glucocorticoid, Anti-Inflammatory	USA (1)	1
Isoxsuprine	Vasodilator	USA (1)	1
Ketoprofen	Analgesic, Anti-Inflammatory	ITY (2), LIT (2), MOR (3), NZ (1), USA (4)	12
Levamisole	Anthelmintic, Immunomodulator	IRE (1)	1
Lidocaine	Local Anesthetic	TUR (3), URU (5), USA (4)	12
Mefenamic Acid	Anti-Inflammatory	NAR (1)	1
Meglumine	Antiprotozoal	URU (4)	4
Meloxicam	Anti-Inflammatory	GER (1), SIN (1), TUN (1)	3
Meptazinol	Opiod Analgesic	GB (1)	1
Methamphetamine	CNS Stimulant	USA (1)	1
Methocarbamol	Muscle Relaxant	USA (38),VEN (1)	39
Methotrexate	Antimetabolite	USA (1)	1
Methylprednisolone	Glucocorticoid, Anti-Inflammatory	BRZ (1), GB (1), MTC (6), TUR (2), USA (7)	17
Morphine	Narcotic, Analgesic	FR (1), ITY (1), TUN (1), USA (1)	4
Morphine, Valerenic Acid	Narcotic, Analgesic	IND (1)	1
Nabumetone	Anti-Inflammatory	MOR (3)	3
Nandrolone	Androgen	USA (1)	1
Naproxen	Anti-Inflammatory, Analgesic	BRZ (1), POL (1), USA (20)	22
Nicotine	Alkaloid	NZ (1)	1
Nikethamide	Respiratory Stimulant	TUR (1), VEN (1)	2

Table 2

SUBSTANCES DETECTED

PROHIBITED SUBSTANCES DETECTED	REACTION ENGENDERED	COUNTRIES OF DETECTION	TOTAL
Nikethamide, N-Ethyl Nikethamide	Respiratory Stimulant	BRZ (1)	1
Norpenthoxiphylline		POL (1)	1
OH-Levamisole	Anthelmintic, Immunomodulator	IRE (1)	1
Omeprazole	Antiulcerative, Gastric Secretory Inhibitor	USA (3)	3
Oxycodone	Narcotic, Analgesic	USA (4)	4
Oxymorphone	Narcotic, Analgesic	USA (7)	7
Oxyphenbutazone	Anti-Inflammatory, Analgesic	USA (17)	17
Oxyphenylbutazone	Anti-Inflammatory, Analgesic	IRE (1), MOR (10)	11
Pemoline	CNS Stimulant	GB (3), TUR (1)	4
Pentoxifylline	Vasodilator	VEN (1)	1
Pheniramine	Antihistamine	IND (1)	1
Phenylbutazone	Anti-Inflammatory, Analgesic	GB (1), IRE (1), MOR (10), SAF (1), OMAN (4), TUR (3), USA (273)	293
Phenylbutazone, Oxyphenbutazone	Anti-Inflammatory, Analgesic	CYP (1), GB (1), IND (1), SAF (2)	5
Phenylpropanolamine	Sympathomimetic	SDA (2), USA (1)	3
Phenytol	Muscle Relaxant	USA (2)	2
Picrotoxin	CNS Stimulant	USA (1)	1
p-Hydroxyephedrine		VEN (3)	3
Prednisolone	Glucocorticoid, Anti-Inflammatory	SAF (1), USA (6)	7
Procaine	Local Anesthetic	GB (2), LIT (2), SAF (1), TUR (2), USA (25)	32
Promazine	Tranquilizer	USA (16)	16
Propantheline	Antimuscarinic, Smooth Muscle Relaxant	USA (2)	2
Propoxyphene	Narcotic, Analgesic	TUR (5)	5
Pseudoephedrine	CNS Stimulant	USA (2)	2
Pyrilamine	Antihistamine	SDA (1), USA (3)	4
Ractopamine	Beta-Agonist, Moderate Anabolic	USA (4)	4
Ranitidine	Anti-Ulcerative, Gastric Secretory Inhibitor	GB (4), IND (1), UAE (1), USA (4)	10
Reserpine	Tranquilizer	USA (2)	2
Romifidine	Sedative, Anesthetic, Analgesic	FR (2)	2
Salbutamol	Beta-Agonist, Bronchodilator	GB (1)	1
Salmeterol	Beta-Agonist, Bronchodilator	USA (1)	1
Stanozolol	Androgen	USA (20)	20
Stanozolol Metabolite	Androgen	CYP (2)	2
Temazepam	Hypnotic	GB (1)	1
Testosterone	Androgen	CYP (1), HK (1), SAF (1), USA (8)	11
Testosterone, Phenylbutazone, Oxyphenbutazone, Dexamethasone & Furosemide	Androgen, Anti-Inflammatory, Analgesic, Diuretic	CYP (1)	1
Tetramisole	Anthelmintic, Immunomodulator	GB (1)	1
Theobromine	Cardiac & Respiratory Stimulant	USA (9)	9
Theophylline	Cardiac & Respiratory Stimulant	HUN (1), IRE (1), TUR (3), USA (16)	21
Tramadol	Narcotic, Analgesic	TUR (1)	1
Tranexamic Acid	Anti-Fibrinolytic	GB (2), ITY (3)	5
Trenbolone	Anabolic	USA (1)	1
Triamcinolone	Glucocorticoid, Anti-Inflammatory	FR (1), USA (8)	9
Triamcinolone Acetonide	Glucocorticoid, Anti-Inflammatory	QA (4)	4
Trichlormethiazide	Glucocorticoid, Anti-Inflammatory	USA (3)	3
Xylazine	Analgesic	USA (1), VEN (1)	2

Table 2

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	OBSERVATIONS/REMARKS
Australia	3 238		25	3 213	8	6	2	
Bahrain								No samples were tested in training
Chile	1 978	1 978	1 682	296	5	3	2	
France	959	959			5			
Germany	62		55	7	2	2		
Great Britain	369			369	0			
Greece	134		41	93	0			
Hong Kong	869	483	346	40	26	20	6	These samples include those collected from racehorses newly arrived in Hong Kong. None of the positive findings involved confirmed unauthorised treatment.
Hungary	63	46		17	1	1		
Inia	636	636	608	28	4	4		
Ireland	21		3	18	0			
Italy	18		2	16	0			
Oman	210			210	0			
Poland	2		1	1	0			
Singapore	124		2	122	0			
South Africa	176			176	0			
Sweden	16			16	0			
Uruguay								Have not yet implemented in training testing but are in the process of defining this option
USA	1 000	0	0	1 000	0			Out of competition testing is limited to non-therapeutic substances. At present, approximately 1/3 of the states perform some out of competition testing.

19 Countries	9 875	4 102	2 765	5 622	51	36	10
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RACING DAY SAMPLES OUTCOME

COUNTRY	TOTAL POSITIVE CASES	IS THE HORSE INVOLVED SYSTEMATICALLY DISQUALIFIED?	DO YOU APPLY SCREENING LIMITS FOR THERAPEUTIC SUBSTANCES?	OBSERVATIONS/REMARKS
Australia	71	Yes	Yes	
Bahrain	0	Yes	No	
Belgium	0	Yes	Yes	
Brazil	20			
Chile	5	Yes	Yes	
Cyprus	13	Yes	Yes	
Czech Republic	0	Yes	Yes	
France	20	Yes	Yes	
Germany	3	Yes	Yes	
Great Britain	24	Yes	Yes	
Greece	5	Yes	Yes	
Hong Kong	1	Yes	Yes	
Hungary	1	Yes	Yes	
India	19	Yes	Yes	
Ireland	7	Yes	Yes	There are substances with threshold levels as listed in Regulation R14 of the Irish Rules of Racing
Italy	27	Yes	Yes	We apply the ISL according to EHSLC
Japan (JRA)	0	Yes	No	
Japan (NAR)	2	Yes	Yes	
Lebanon	3	Yes	Yes	
Lithuania	2	No	No	
Macau	8	Yes	Yes	
Morocco	26	Yes	No	
Mauritius	9	Yes	Yes	
New Zealand	5	Yes	No	
Oman	4	No	No	
Poland	2	Yes	No	
Qatar	6	Yes		
Saudi Arabia	13	Yes		
Singapore	3	Yes	Yes	
South Africa	13	Yes	Yes	
Sweden	0	Yes	Yes	Just for substances decided in cooperation with European Horseracing Scientific Liason Committee
Switzerland	1	Yes	No	
Tunisia	8	Yes	No	
Turkey	45	Yes	Yes	
UAE	1	Yes	No	
USA	959	No	Yes	The use of screening limits or thresholds varies by state. Some states automatically disqualify for any positive test while others base disqualification on the circumstances of the individual case.
Uruguay	15	Yes	Yes	
Venezuela	20	Yes	No	

TABLE 4

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	San Isidro Racetrack Laboratory Hipodromo de San Isidro - Av. Bernabe Marquez 504 (1642)San Isidro - Buenos Aires Tel:+54 11 4743 4011/9 int 1290 Fax:+54 11 4742 1357 Email: pporto@jockeyclub.com.ar	Dr. Patricia I. Porto	No	Dr. Theodoro Dash Av. Bernabe Marquez 504 1642 San Isidro - Buenos Aires Tel:+54 11 4743 4011/9 int 1278 Fax:+54 11 4742 1357 Email: gerencia@jockeyclub.com.ar
Australia	Queensland Government Racing Science Center PO Box 513 ALBION QLD 4010 Tel: +61 7 3862 1477 Fax: +61 7 3857 0035 Western Australia Chem Centre South Wing, Building 500 Curtin University of Technology BENTLEY WA 6102 Tel: +61 8 9422 9880 Fax: +61 8 9422 9831 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 New South Wales, Northern Territory & Australian Capital Territory Australian Racing Forensic Laboratory Royal Randwick Racecourse Alison Road RANDWICK NSW 2031 Tel: + 61 2 8344 5000 Fax: +61 2 9662 6107	Mr. Alan Roberts, Director Dr. Bruce Young, Manager, Veterinary Services Mr. Mark Jarrett, Manager, Analytical Services Mr. Charles Ivan Russo Email: crusso@chemcentre.wa.gov.au Dr. John Vine, Chief Veterinary Officer Dr. Andrew McKinney, Acting Scientific Director Dr. John Keledjian, Acting Operations Director	Yes - NATA & ISO 17025 Yes - NATA Yes - NATA	Dr. E. Bruce Young Manager Veterinary Services Queensland Government Racing Science Center PO Box 513 ALBION QLD 4010 Tel: +61 7 3862 1477 Fax: +61 7 3857 0035 Email: bruce.young@racing.qld.gov.au Dr. Judith Medd Chief Veterinary Officer Racing & Wagering Western Australia 70 Grandstand Road ASCOT WA 6107 Tel: +61 8 9277 0759 Fax: +61 8 9479 3116 Email: judith.medd@rwwa.com.au Dr. John Vine Chief Veterinary Officer Racing Analytical Services Limited 400 Epsom Road FLEMINGTON VIC 3031 Tel: +61 3 9376 6760 Fax: +61 3 9376 6875 Email: jvine@rasl.com.au 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
Austria	Laboratoire des Courses Hippiques LCH 15 Rue de Paradis 91370 Verrieres le buisson FRANCE Tel: +33 (0) 1-69752828 Fax: +33 (0) 1-69752829	Dr. Yves Bonnaire		Dr. Isabella Copar Iglaseegasse 72 A-1190 Vienna Tel: +43 6642264790 Fax: +43 2254 9000 1505

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	Mr. Ali Ridha Equine Forensic Unit Central Veterinary Research Laboratory P.O. Box 597 Dubai, UAER Tel: +9714 3366082 Fax: +9714 3349343 Email: peterfu@emirates.net.ae		Yes - NATA	Dr. Ricardo Penso PO Box 25079 BAHRAIN Tel: 00973 17440440 Mobile: 00973 39185418 Email: racing@batelco.com.bh
Belgium	Laboratoire des Courses Hippiques 15 Rue de Paradis 91370 Verrieres le Buisson France Tel: +33 (0) 1-69752828 Fax: +33 (0) 1-69752829	Dr. Yves Bonnaire	Yes - COFRAC	David Van Dooren Leiestraat 60 8520 Kuurne Belgium Email: d.v.n@busmail.com
Brazil	Jockey Club de Sao Paulo Department de Controle e Pesquisas Antidopagem Rua Bento Frias 248 CEP 05423-050 Sao Paulo, Sao Paulo, Brazil Tel: (55-11) 2161-8414 Fax: (55-11) 3814-0614 Email: antidopagemvet@jockeyesp.com.br	Mirtes Eliete Velletri de Souza CRF 5831, Coordenadora de Departan	Works with ISO 17025 system but not accredited.	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, Brazil Tel: (55-11) 2161-8416 Fax: (55-11) 3814-0614 Email: antidopagemvet@jockeyesp.com.br
Chile	Laboratorio de Analisis Antidoping Universidad de Chile Facultad de Ciencias Quimicas y Farmaceuticas Direccion: calle Sergio Livingstone N 1007 Independencia, Santiago, Chile Tel: 56-2-978 28 00 Fax: 56-2-735 57 33 Email: doping@ciq.uchile.cl	Dr. Cristian Camargo G. Miembro Comision Antidoping CFS M	Laboratorio de Ensayo acreditado por el I.N.N. de Chile, bajo la norma NCH-ISO 17025, Certificado N LE 253	Dr. Mariano Goic Gjuratovic-Mise Avda. Blanco Encalada N 2540 Santiago, Chile Tel: 56-2-693 96 57 Fax: 56-2-6836266 Email: mariano.goic@clubhipico.cl
Cyprus	HFL Sports Science LTD Newmarket Road Fordham, Cambridgeshire U.K. CB7 5WW Tel: 44 (0) 1638720500 Fax: 44 (0) 1638724200 Email: info@hfl.co.uk	Mr. Steve Maynard, Drug Surveillance Group		Dr. Pavlos Toumazos Director Veterinary Services 1417 Nicosia, Cyprus Tel: 357-22805250 Fax: 357-22332803 Email: director@vs.moa.gov.cy

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Czech Republic	Deutsche Sporthochschule Koln Institut for Biochemie Am Sportpark Mungersdorf 6 50933 Koln Tel: +49 221 497 1313 Fax: +49 221 497236 Email: schaenzer@biochem.dshs-koeln.de	Prof. Dr. Wolfgang Schanzer	Yes - ISO/IEC 2005: 17025	MVDr. Petr Jahn Sciences veterinaires et pharmaceutiques Palackeho 1-3, 612 24 Brno Tel: +420 777756650 or MVDr. Ivo Strauss Krajska veterinarni spravo pro Pardubicky kraj Ustrednikomise pro ochranu zvirat oddeleni pece o pohodu zvirat vybor pro ochranu hospodarskych avirat Husova 1747, 530 03 Pardubice Tel: +420 466 768 677 +420 777 783 300 Email: i.strauss.kvse@svscr.cz
Denmark	Statens Veterinarmedicinska Anstalt Avdeling for kemi SE-751 89 Uppsala Tel: +46-18674000 Fax:+46-18309162	Mikael Hedeland		Poul Hjorth Charlottenlund Dyrehospital Bernstorffsvej 246 DK-2920 Charlottenlund Tel: +45-39643707 Fax: +45-39643508
France	Laboratoire des Courses Hippiques 15, rue de Paradis 91370 Verrieres le buisson France Tel: +33 169 75 28 28 Fax: +33 1 69 75 28 29 Email: lab.fncf@wanadoo.fr	Dr. Yves Bonnaire	Yes - COFRAC	Dr. Paul-Marie Gadot France Galop 46, Place Abel Gance 92655 Boulogne Billancourt Cedex France Tel: +33 1 49 10 23 25 Mob: +33 6 85 54 31 56 Fax: +33 1 49 10 21 55 Email: pmgadot@france-galop.com
Germany	Prof. Dr. Wolfgang Schanzer Institut fur Biochemie - Deutsche Sporthochschule Koln Am Sportpark Mungersdorf 6 50933 Koln Tel: 0049-221-4971313 Fax: 0049-221-4973236 Email: schaenzer@biochem.dshs-koeln.de	Prof. Dr. Wolfgang Schanzer	Yes - WADA, AORC, ISO 17025:2005	Dr. Thomas Weinberger Burg Mueggenhausen 53919 Weilerswist Tel: 0049-2254-96260 Fax: 0049-2254-962777 Email: burg.mueggenhausen@t-online.de
Great Britain	HFL Sports Science LTD Quotient Bioresearch Newmarket Road Fordham, Cambridgeshire U.K. CB7 5WW Tel: +44 (0) 1638 720500 Fax: +44 (0) 1638 724200 Email: askanyone@hfl.co.uk	Mr. Steve Maynard Director of Sport HFL Sport Science Quotient Bioresearch Tel: +44 1638 724214 Fax: +44 1638 724200 www.hfl.co.uk Email: Smaynard@hfl.co.uk	Yes - ISO 17025	Lynn Hillyer Veterinary Advisor (Medication) Department of Equine Science and Welfare British Horseracing Authority 75 High Holborn, London WC1V 6LS Mobile: 07764 769890 Department: 020 7152 0090 britishhorseracing.com Email: lhillyer@britishhorseracing.com

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
Greece	Doping Control Laboratory of Athens Kifissias 37, 151 23 Maroussi Tel: +30 210 6834060 Fax: +30 210 6834021	Mr. Costas Georgakopoulos oaka@ath.forthnet.gr	Yes - WADA, AORC, ELOT EN ISO/IEC 17025	Mr. Petros Zafeiris P.O. Box 78, 190 03 Markopoulo Mesogaias Greece Tel: +30 6944457420 Fax: +30 2299041339
Hong Kong	Racing Laboratory The Hong Kong Jockey Club Sha Tin Racecourse Sha Tin, New Territories, Hong Kong, China Tel: +852-2966-6296 or +852-2966-6304 Fax: +852-2601-6564 or +852-2607-2618 Email: terence.sm.wan@hkjc.org.hk	Dr. Terence S.M. Wan	Yes - Hong Kong Accreditation Services (to the requirements of ISO-IEC 17025:2005)	Dr. Brian B.D. Stewart The Hong Kong Jockey Club Equine Hospital Sha Tin Racecourse Sha Tin, New Territories, Hong Kong, China Tel: +852-2966-6741 Fax: +852-2602-3305 Email: brian.d.stewart@hkjc.org.hk
Hungary	Laboratoire des Courses Hippiques 15, Rue de Paradis 91370 Verrierres le Buisson			
India	CVRL, Equine Forensic Unit, Dubai - Tel: 0097143366082 Fax: 0097143349343	Mr. Peter Alberts - CVRL, Dubai	CVRL - Yes, NATA	Dr. S.K. Kulkarni, Sr. Veterinary Officer, RWITC Ltd., Race Course, Mahalakshmi, Mumbai - 400034; Tel: 0091-22-23071401/407/396; Fax: 0091-22-23011972 (Mumbai: Nov-April) 0091-2026360687 (Pune: May-Oct); Mobile: 00919225627950; Email: vetrwtc@gmail.com / drskkvet@gmail.com
	HKJC, Racing Lab, Hong Kong - Tel: 0085229666309 Fax: 0085226016564	Dr. Terence S.M. Wan - HKJC, Racing Lab, Hong Kong	HKJK - Yes, HKAS	Dr. Chinmulgund, Sr. Veterinary Officer, Bangalore Turf Club Ltd. No.52, Race Course Road, Bangalore-560001; Tel: 0091-80-22265904; Fax: 0091-80-22207425
	HFL, Newmarket Road, Forham, Cambridgeshire, CB 7 5 WW, England - Tel: 00441638720500 Fax:00441638724200	Mr. K. Lubbock - HFL, England	HFL - Yes, VKAS Testing Laboratory	Dr. K. Venugopal Reddy, Sr. Veterinary Officer, Hyderabad Race Club, Malakpet, Hyderabad-50036; Tel: 0091-40-24549491; Fax: 0091-40-24548493
	LCH, 10, Boulevard, Malessherbes, 75008 Paris, France - Fax: 0033169752829	Dr. Yves Bonnaire -LCH, France	LCH - AORC	Dr. Indrajit Bannerjee, Sr. Veterinary Officer, Royal Calcutta Turf Club, Calcutta Race Course, Hastings, Kolkata-700022; Tel: 0091-33-22234252; Fax: 0091-33-22316353; Mobile: 00919831867775; Email: vet@rctconline.com
	Madras Race Club Analytical Laboratory PO Box No. 2639 Guindy, Chennai - 600032 India Tel: 0091-44-22452720 Fax: 0091-44-22351553 Email: mrc-anlab@yahoo.com	Mr. K. Sankar - Professional Member AORC, Analyst- MRCAL, Chennai, India		Dr. S.M. Karthikeyan Director & Sr. Veterinary Officer Equine Hospital, Madras Race Club Guindry, Chennai-600032 Tel: 0091-44-22452546 Fax: 0091-44-22452908 Email: karthi.horsevet@gmail.com

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Ireland	BHP Laboratory New Road, Thomandgate Limerick, Ireland Tel: 00-353-61-455399 Fax: 00-353-61-455447 Email: colettehannan@bhp.ie	Dermot Purcell (Director)	Yes - ISO 17025, by INAB	Dr. Dermot McIlrean
Italy	Unirelab srl Via Gramsci 70 20019 Settimo Milanese MILANO Tel: +3902-33502133 Fax: +390233514200	Paolo De Iulii Les analyses B sont faites au LCH (France)	Yes - ISO 17025	Sveva Davanzo Chief Veterinary Officer UNIRE Via Cristoforo Colombo 283/A 00147 ROMA Tel: +39- 3356680721 Office: +39-06-51897204 Fax: +39-06-51897456 Email: s.davanzo@unire.it
Japan (JRA)	Laboratory of Racing Chemistry 1731-2 Tsuruta-machi Utsunomiya City Tochigi 320-0851 Japan Tel: +81-28-647-4460 Fax: +81-28-647-4463 Email: i-suda@lrc.or.jp	Dr. Isamu Takizawa	Yes - ISO/IEC 17025 by The Japan Accreditation Board for Conformity Assessment	Dr. Hiroaki Tanabe General Manager of Equine Department Japan Racing Association 11-1 Roppongi 6-Chome Minato-ku, Tokyo 106-8401 Japan Tel: +81-3-5785-7500 Fax: +81-3-5785-7526 Email: Hiroaki_Tanabe@jra.go.jp
Japan (NAR)	Laboratory of Racing Chemistry 1731-2 Tsuruta-machi Utsunomiya Tochigi 320-0851 Japan Tel: +81-28-647-4455 Fax: +81-28-647-4458 Email: i-suda@lrc.or.jp	Dr. Isamu Takizawa	Yes - ISO 17025	Hanji Sugino, Manager of Racing Regulatory Department, NAR Tel: +81-3-3583-6042 Fax: +81-3--3583-8874 h-sugino@nar.keiba.go.jp
Lebanon	Prof. Dr. Aziz Geahchan Hippodrome du Parc de Beyrouth Avenue Omar Beyhum B.P 116/5518 Beyrouth Tel: +961 1 632 515 Fax: +961 1 632 535 Email: sparca@cyberia.net.lb , sparca.leb@gmail.com			Dr. Salah Alaywan Hippodrome du Parc de Beyrouth Avenue Omar Beyhum B.P 116/5518 Beyrouth Tel: +961 1 632 515 Fax: +961 1 632 535 Email: sparca@cyberia.net.lb , sparca.leb@gmail.com
Lithuania	National Food & Veterinary Risk Assessment Institutue of the Republic of Lithuania J. Kairiukscio Street 10 LT-08409 Vilnius 21	HFL Sport Science Newmarket Road Fordham, Cambridgeshire CB7 58WW, UK	Yes - by Deutscher Akkreditierungs Rat	Prof. Kazimieras Lukauskas Siesiku St. 19 LT-07170, Vilnius 10 Tel: 00370(5)2404361 Fax: 00370(5)2404362 Email: klukauskas@vet.lt

DETAILS UPDATING

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Macau	Racing Laboratory Room 704, 7/F Macau University of Science & Technology Avenida Wai Long Taipai, Macau Tel: (853)8897-2637 Fax: (853)2882-5886 Email: dlaume@yahoo.com	Dr. Danny Lau, Deputy Head of Laboratory Racing Laboratory Manager	Yes - HOKLAS, HKAS	Dr. Martin Wainsott BVSc., MACVSc. Senior Veterinary Surgeon Hipodromo da Taipa, Macau Tel: (853)28821188 ext. 7527 Fax: (853)2882-0032
Mauritius	Mauritius Turf Club Laboratory Champ de Mars Port Louis Republic of Mauritius Tel: (230) 213-1789 Fax: (230) 211-5740 Email: bertrand.baudot@mauritiusturfclub.com/labmtc@intnet.mu	Mr. Bertrand Baudot	Yes - Mauritius Accreditation Service	Dr. Christian Bourdet The Mauritius Turf Club Champ de Mars Port Louis Republic of Mauritius Tel: (230) 212 2212 Fax: (230) 211 4050 Email: mtc@intnet.mu
Morocco	Laboratoire de Controle Antidopage Institut Agronomique et Veterinaire Hassan II BP 6202 Rabat - Institut - MAROC Mail: m.kessabi@hotmail.fr	Prof. M. Kessabi		Laboratoire de Controle Antidopage Institut Agronomique et Veterinaire Hassan II BP 6202 Rabat - Institut - MAROC Mail: m.kessabi@hotmail.fr
New Zealand	New Zealand Racing Laboratory Services Limited PO Box 19514 Avondale Auckland 1746 New Zealand (Street Address: 686 Rosebank Rd. Avondale, Auckland 1026, NZ) Tel: +64 9 828 0470 Fax: +64 9 828 0472 Email: NZRLS@woosh.co.nz	Dr. Geoffrey Beresford	No	Dr. Andrew Grierson Veterinary Consultant PO Box 82 Takanini Auckland 1730 New Zealand Bus Tel: +64 9 828 0470 Fax: +64 9 828 0472 Email: nzrls@woosh.co.nz
Oman	PO Box 64, Code 111 Seeb, Oman Tel: +96 8 244 20322 Fax: +96 8 244 22509	Dr. Ayoob Rajab Al-Balushi	No	Dr. Faiz Al-Zadjali Tel: +96 8 244 20322 Fax: +96 8 244 22509 Email: fazadjali@hotmail.com
Panama	Fundacion Universidad de Panama Chief Quemistri: Alexie Brenes Tel: 5072235315 Email: fudep123@cwpanama.net	Alexis Brenes	No	Guido Tunon Tel: 50766118023 Email: tguido9@hotmail.com

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Peru	Department of Analysis The Jockey Club of Peru	Laboratory of Analysis Quimico The Jockey Club of Peru Quimico Pharmaceuticals Dr. Vilma Barcelli Zezallos Quimico College N 03512		Dr. Pedro Moreno Sarmiento Av. Olguin S/N Puerta N 5 Hipodromo of Monterrico Tel: 610-3000 Ext. 2293 Fax: 610-3000 Ext. 5004
Poland	Laboratoire des Courses Hippiques 15, Rue de Paradis 91370 Verrieres le Buisson Tel: 33 1 69 75 28 28 Fax: 33 1 69 75 28 29	Dr. Yves Bonnaire	Yes - COFRAC	Ms. Aleksandra Nowicka MDV ul. Janowskiego 52/56 02-784 Warszawa Poland Mobile: + 48 (0) 503 661 431 Email: aleksandranowicka@poczta.fm
Qatar	Laboratoire des Courses Hippiques 15 Rue de Paradis 91370 Tel: 0033 1 69 75 28 28 Fax: 0033 1 69 75 28 28 29 Email: lch_contact@yahoo.fr	Verrieres le Buisson Dc Bonnaire		Michiel Daem Racing and Equestrian Club P.O. Box 7559 Doha, Qatar Tel: 00974 737 4361 Fax: 00974 481 5287 Email: michieldaem@yahoo.com
	Hong Kong Jockey Club One Sports Road Happy Valley Hong Kong Tel: 00852 2966 8111 Fax: 00852 2577 9036	Terence S.M. Wan		
Saudi Arabia	Central Veterinary Research Laboratory Equine Forensic Unit PO Box 597 Dubai United Arab Emirates Tel: 971 4 336 6082 Fax: 971 4 334 9343	Mr. Ali Ridha Administrative Director		Dr. Ahmad Ali A Alaeyeari Veterinary Officer PO Box 26323 Riyadh, 11486 , Kingdom of Saudi Arabia Tel: 00966 1 254 0222 Fax: 00966 1 254 0503 Mobile: 00966 55 613 3871 Email: vit3881@gmail.com
Singapore	STC Laboratory 1 Turf Club Avenue Singapore Racecourse Singapore 738078 Tel: +65 68791930 Fax: +65 68791939 Email: shawn_stanley@turfclub.com.sg	Dr. Shawn Stanley	Yes - Singapore Accreditation Council	Dr. Koos VD Berg Singapore Turf Club 1 Turf Club Avenue Singapore Racecourse Singapore 738078 Tel: +65 68791330 Fax: +65 68791349 Email: Koos_VD_Berg@turfclub.com.sg

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Slovakia	Deutsche Sporthochschule Kohn Institut für Biochemie Tel: 0049-221-4971313 Fax: 0049-221-4973236 Email: schaenzer@biochem.dshs-koeln.de	Prof. Dr. Wolfgang Schanzer	No	Dr. Jan Horecky Devatinova 16 82106 Bratislava Tel: 004212162319993 Fax: 004212162319993 Email: Dr.Horecky@stonline.sk
South Africa	The National Horseracing Authority of S.A. PO Box 74439 Turffontein 2140 South Africa Tel: +27 11 683 9283 Fax: +27 11 683 3888 Email: lab@nhralaboratory.co.za	Dr. Schalk de Kock Email: schalkdk@nhralaboratory.co.za	Yes - AORC	Dr. Dale Wheeler The National Horseracing Authority of S.A. PO Box 74439 Turffontein 2140 South Africa Tel: +27 11 683 9283 Fax: +27 11 683 5548 Email: dpwvet@nhra.co.za
Sweden	National Veterinary Institute SE-751 89 Uppsala Sweden Tel: 33 1 69 75 28 28 Fax: +46 18 67 40 99 Email: ulf.bondesson@sva.se	Professor Ulf Bondesson	Yes - SWEDAC (Swedish Board for Accreditation and Conformity Assessment)	Dr. Peter Forssberg STC SE-161 89 STOCKHOLM SWEDEN Tel: +46 8 627 20 00 Fax: +46 8 29 34 07 Email: peter.forssberg@travsport.se
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			Federation Suisse des Courses de Chevaux Jean-Pierre Kratzer Les Longs-Pres CH-1580 Avenches Tel: +41 26 676 76 20 Fax: +41 26 676 76 29 Email: 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	Dr. Yves Bonnaire Email: Yves.Bonnaire@free.fr		
Turkey	Etlik Central Veterinary Control and Research Institute Ahmet Sefik Kolayli Cad. No: 23 06020 Etlik - Ankara/Turkey Tel: +90 312 326 00 90 Fax: +90 312 321 17 55 Email: ehh.o@tr.net and/or etlik@vet.gov.tr	Dr. Nahit Yazicioglu Director	Yes - By Turkish Accreditation Agency	Asso. Prof. Dr. Muzaffer Aydemir Ministry of Agriculture and Rural Affairs General Directorate of Protection and Control Akay. Cad. No: 3 Kizilay Ankara, Turkey Tel: +90 312 426 77 89 Fax: +90 312 418 63 18 kkqm@kkqm.gov.tr

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UAE	Equine Forensic Unit Central Veterinary Research Laboratory PO Box 597 Dubai UAE Tel: +971 4 336 6082 Fax: +971 4 334 9343 Email: efudubai@eim.ae	Dr. Ali Ridha - Administrative Director Peter Albert - Chief Analyst	NATA	Dr. Elliot Forbes Emirates Racing Authority PO Box 9452 Dubai UAE Tel: +971 4 327 0077 Fax: +971 4 327 0046 Email: eliot.forbes@emiratesracing.com
USA	Center for Toxicology Services 1819 W. Drake Avenue, Suite 102 Tempe, AZ 85283 Tel: 602-345-7454 Fax: 602-345-8350 Serves Kansas, South Dakota	Ms. Jeanne Mahoney	Yes - ISO/IEC 17025	N/A
	Cornell University Equine Drug Testing Program 925 Warren Drive Ithaca, NY 14850 Tel: 607-255-6555 Fax: 607-255-3235 Serves New York	Dr. George Maylin	No	N/A
	Dalare Associates 217 S. 24th Street Philadelphia, PA 19103 Tel: 215-567-1953 Fax: 215-567-1168 Serves Delaware, West Virginia	Mr. Joseph Strug	No	N/A
	University of Florida College of Veterinary Medicine Racing Laboratory 1200 SW 34th Street Gainesville, FL 32610 Tel: 352-392-4700 Serves Florida, Kentucky, New Hampshire	Dr. Patrick Colahan	Yes - ISO/IEC 17025	N/A
	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. Adam Negrusz	No	N/A

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USA	Industrial Labs 4046 Youthfield Street Wheat Ridge, CO 80033 Tel: 303-287-9691 Fax: 303-287-0964 Serves Arizona, Colorado, Minnesota, Montana, Nebraska, North Dakota, Utah, Wyoming	Ms. Petra Hartmann	Yes - ISO/IEC 17025	N/A
	Iowa Racing Chemistry Veterinary Diagnostic Lab Iowa State University Aurora, IA 50011 Tel: 515-294-1950 Fax: 515-294-3182 Serves Iowa, New Mexico, Virginia	Mr. Al Kind	No	N/A
	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	N/A
	Maine Health & Environmental Testing Lab 12 State House Station Augusta, ME 04333-0012 Tel: 207-287-2727 Fax: 207-287-6832 Serves Maine	Dr. Ed Collins	No	N/A
	Maryland Racing Commission Laboratory Godelsky Building 8075 Veterinary Science Drive #1 College Park, MD 20742 Tel: 301-434-4973 Fax: 301-935-6079 Serves Maryland	Dr. Richie Hickman	No	N/A
	Massachusetts State Racing Laboratory 305 South Street Room 355 Jamaica Plain, MA 02130 Tel: 617-522-9807 Fax: 617-727-3179 Serves Massachusetts	Mr. Bruce Aspeslagh	No	N/A

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USA	New Jersey State Police Meadowlands Laboratory 50 Route 120 East Rutherford, NJ 07073 Tel: 201-460-4125 Fax: 201-935-2323 Serves New Jersey	Mr. Phil Lorimer	No	N/A
	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		Yes - ISO 17025	N/A
	Pennsylvania Race Horse Testing Laboratory Chemistry Department West Chester, PA 19383 Tel: 610-436-3301 Fax: 610-436-3504 Serves Pennsylvania	Dr. Cornelius Uboh	Yes - ISO/IEC 17025	N/A
	Texas Veterinary Medical Diagnostic Laboratory Drawer 3040 College Station, TX 77841 Tel: 409-845-3414 Fax: 409-845-1794 Serves Texas		No	N/A
	Truesdail Laboratories 14201 Franklin Avenue Tustin, CA 92780 Tel: 714-730-6239 Fax: 714-730-6462 Serves Arkansas, Idaho, Indiana, Oklahoma, Oregon, Washington	Dr. Norman Hester	Yes - ISO/IEC 17025	N/A
	Ken Maddy Equine Analytical Lab University of California-Davis CAHFS, University of California Davis, CA 95616 Tel: 530-752-8735 Fax: 530-754-5588 Serves California	Dr. Scott Stanley	Yes - ISO/IEC 17025	N/A

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Uruguay	Beltran-Zunino, Juan Paullier 1070-CP 11200 Tel: (598 2) 4018277 Fax: (598 2) 4025156 Email: info@beltranzunino.com	Lucia Beltran & Laura Zunino		Jose Cesar Gallero Quadros Tel: (598 2) 5117777- 602 Fax: (598 2) 5117777-601 jgallero@hipicarioplatense.com Jose Maria Guerra 3540 CP 12.000 Montevideo, Uruguay
	Ministry Sports & Tourism 8 de Octubre 3362-CP 11600 Tel: (598 2) 4811054 Fax: (598 2) 4811054 Email: labdop@adinet.com.uy	Carola Stanko		
	Technologic Pole Pando Cno Saravish s/n Pando, Canelones, Uruguay Tel/Fax: (598 2) 2922021 Email: ale@fq.edu.uy	Dr. Alejandra Rodriguez, PhD		
Venezuela	Laboratorio de Toxicolgia Instituto Nacional de Hipodromos Hipodromo La Rinconada Coche Caracas-Venezuela Tel/Fax: 058-212-6815942 Email: tox_inh@yahoo.com	Pharmacist Martha Sanchez Email: tox_inh@yahoo.com	No	Carlos Hurtado Director Direccion de Servicios Hipicos y Fomento Equino Inspeccion Veterinaria Hipodromo La Rinconada Coche Caracas-Venezuela Tel/Fax: 058-212-6822282 Email: carloshurtadovet@yahoo.com

ACCORDING TO RULES OF RACING

COUNTRY	IS THE B-SAMPLE ANALYSIS DONE SYSTEMATICALLY?	SHOULD TRAINER PAY COST OF B-SAMPLE ANALYSIS?	IS TRAINER INFORMED BEFORE THE B-SAMPLE ANALYSIS?	DOES TRAINER HAVE THE CHOICE OF THE LABORATORY ANALYZING THE B-SAMPLE?	CAN TRAINER NOMINATE AN EXPERT TO WITNESS THE B-SAMPLE ANALYSIS?	IS THE NOMINATED EXPERT AT TRAINER'S EXPENSE?	USE DOMESTICALLY OTHER THRESHOLDS OTHER THAN THOSE LISTED IN ARTICLE 6 OF THE INTERNATIONAL AGREEMENT ON BREEDING, RACING & WAGERING?	IF YES, SPECIFY DETAILS
Australia	Yes	No	Yes	No	No	N/A	No	
Bahrain	No	Yes	Yes	Yes	No		No	
Belgium	No	Yes	Yes	Yes	No		No	
Brazil							Yes	Following a rule approved by the Ministry of Agriculture, furosemide is allowed 4 hours prior to racing in a dose of .5mg/kg, with a threshold of 60 ng/ml serum (from 370 animals there were both urine & blood samples for furosemide analysis).
Chile	Yes	Yes	Yes	No	Yes	Yes	No	
Cyprus	Yes	No	Yes	No	Yes	Yes	No	
Czech Republic	No	Yes	Yes	Yes	Yes	Yes	No	
France	Yes	No	No	No	No	No	No	
Germany	Yes	Yes	Yes	Yes	Yes	Yes	No	
Great Britain	No	Yes	Yes	No	Yes	Yes	Yes	EHSLC RLOD's Analytical Limits of Detection
Greece	Yes	No	No	No	No	Yes/No	No	
Hong Kong	Yes	No	Yes	Yes	Yes (Subject to consent of B-sample lab)	Yes	No	
Hungary	No	Yes	Yes	Yes	Yes	Yes	No	
India	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Phenylbutazone: 10 ng/mL of urine; Oxyphenbutazone: 100 ng/mL of urine; Flunixin: 100 ng/mL of urine
Ireland	No						No	
Italy	Yes	No	No	No	Yes	Yes	No	
Japan (JRA)	Yes	No	No	No	No	No	No	
Japan (NAR)	Yes	No	No	No	No	No	No	
Lebanon	Yes	Yes	No	No	No	No	No	
Lithuania	No	Yes	No	No	No	No	No	
Macau	Yes	Yes	Yes	Yes	No	N/A	Yes	Differs from that in Article 6, however this is currently being reviewed.
Mauritius	No	Yes	Yes	Yes	No	Yes/No	No	
Morocco	Yes	Yes	Yes	Yes	No	Yes/No	No	
New Zealand	No	Yes	Yes	Yes	No	N/A	No	
Oman	No	Yes	Yes	Yes	Yes	Yes	No	
Poland	No	Yes	Yes	Yes	No	No	No	

ACCORDING TO RULES OF RACING

COUNTRY	IS THE B-SAMPLE ANALYSIS DONE SYSTEMATICALLY?	SHOULD TRAINER PAY COST OF B-SAMPLE ANALYSIS?	IS TRAINER INFORMED BEFORE THE B-SAMPLE ANALYSIS?	DOES TRAINER HAVE THE CHOICE OF THE LABORATORY ANALYZING THE B-SAMPLE?	CAN TRAINER NOMINATE AN EXPERT TO WITNESS THE B-SAMPLE ANALYSIS?	IS THE NOMINATED EXPERT AT TRAINER'S EXPENSE?	USE DOMESTICALLY OTHER THRESHOLDS OTHER THAN THOSE LISTED IN ARTICLE 6 OF THE INTERNATIONAL AGREEMENT ON BREEDING, RACING & WAGERING?	IF YES, SPECIFY DETAILS
Qatar	No	Yes	Yes	Yes	Yes	Yes	No	
Saudi Arabia	No	Yes	Yes	Yes	No	No	No	
Mauritius	No	Yes	Yes	Yes	Yes	Yes	No	
Singapore	No	Yes	Yes	Yes	No	N/A	No	
South Africa	No	Yes	Yes	Yes	No	N/A	No	
Sweden	Yes	No	Yes	No	No		No	
Switzerland	No	Yes	Yes	Yes	Yes	Yes	No	
Tunisia	No	Yes		No	Yes	Yes	No	
Turkey	Yes	No	No	No	Yes	No	No	
UAE	No	Yes	Yes	Yes	No		No	
USA	No	Yes	Yes	Yes	No	N/A	Yes	Varies by state and by drug
Uruguay	Yes	No	Yes	No	Yes	Yes	No	
Venezuela	Yes	No	No (Information is transmitted to the Trainers' Assoc., in the form of a coded number)	No	Yes	Yes	No	