



2022 REPORT ON PROHIBITED SUBSTANCES

Compiled by Dr Terence Wan, Chair of the Advisory Council on Equine Prohibited Substances and Practices,

International Federation of Horseracing Authorities

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should equal to C+D+E+F+G+H

I. RACEDAY SAMPLES																	
Country	Racing Authority	TOTAL no. of races (flats & jumps)	# TOTAL no. of horses sampled on racedays (=A+B)	horses sampled pre-race (A)	horses sampled post-race (B)	TOTAL both urine & blood sampled (=C+D)	both urine & blood sampled pre-race (C)	both urine & blood sampled post-race (D)	TOTAL urine only sampled (=E+F)	urine only sampled pre-race (E)	urine only sampled post-race (F)	TOTAL blood only sampled (=G+H)	blood only sampled pre-race (G)	blood only sampled post-race (H)	TOTAL no. of declared positive cases (=J+K)	declared positive cases pre-race (J)	declared positive cases post-race (K)
Argentina	Argentine Jockey Club	4840	10223	0	10223	2833	0	2833	6591	0	6591	799	0	799	159	0	159
Argentina	Hipodromo De Palermo	1582	3271	0	3271	242	0	242	2677	0	2677	486	0	486	41	0	41
Argentina total		6422	13494	0	13494	3075	0	3075	9268	0	9268	1285	0	1285	200	0	200
Austria		6	3	0	3	2	0	2	0	0	0	1	0	1	0	0	0
Bahrain	Rashid Equestrian and Horseracing Authority	219	2353	2034	319	0	0	0	287	0	287	2066	2034	32	11	0	11
Bahrain	Rashid Equestrian & Horseracing Club	20	20	10	10	20	10	10	20	10	10	20	10	10	5	2	3
Bahrain total		239	2373	2044	329	20	10	10	307	10	297	2086	2044	42	16	2	14
Belgium	Belgian Galop Federation	154	83	4	79	67	3	64	0	0	0	16	1	15	2	0	2
Belgium	Belgian Federation of Horse Races	136	87	7	80	73	5	68	0	0	0	14	2	12	2	0	2
Belgium total		290	170	11	159	140	8	132	0	0	0	30	3	27	4	0	4
Brazil	Jockey Club Brasileiro	144	450	0	450	450	0	450	0	0	0	0	0	0	2	0	2
Brazil	Jockey Club De Sao Paulo	541	774	0	774	35	0	35	739	0	739	0	0	0	4	0	4
Brazil total		685	1224	0	1224	485	0	485	739	0	739	0	0	0	6	0	6
Canada		3122	5787	0	5787	0	0	0	4376	0	4376	1411	0	1411	12	0	12
Chile	Sociedad Hipodromo Chile (Santiago)	1770	1292	0	1292	806	0	806	208	0	208	278	0	278	6	0	6
Chile	Valparaiso Sporting Club (Viña Del Mar)	1227	736	0	736	662	0	662	9	0	9	74	0	74	6	0	6
Chile total (* Club Hipico de Santiago entry considered duplicated)		2997	2028	0	2028	1468	0	1468	217	0	217	352	0	352	12	0	12
China (Hong Kong)		827	12193	10044	2149	2210	72	2138	9905	9905	0	78	67	11	0	0	0
Cyprus		861	880	0	880	0	0	0	880	0	880	0	0	0	12	0	12
Czech Republic		NA		NA	NA		NA	NA		NA	NA		NA	NA		NA	NA
France		6995	10543	284	10259	9206	242	8964	24	2	22	1313	40	1273	15	5	10
Germany		1029	568	37	531	7	0	7	393	0	393	168	37	131	2	0	2

should equal to C+D+E+F+G+H

Country	Racing Authority	TOTAL no. of races (flats & jumps)	# TOTAL no. of horses sampled on racedays (=A+B)	horses sampled pre-race (A)	horses sampled post-race (B)	TOTAL both urine & blood sampled (=C+D)	both urine & blood sampled pre-race (C)	both urine & blood sampled post-race (D)	TOTAL urine only sampled (=E+F)	urine only sampled pre-race (E)	urine only sampled post-race (F)	TOTAL blood only sampled (=G+H)	blood only sampled pre-race (G)	blood only sampled post-race (H)	TOTAL no. of declared positive cases (=J+K)	declared positive cases pre-race (J)	declared positive cases post-race (K)
Hungary		249	30	0	30	0	0	0	0	0	0	30	0	30	1	0	1
Japan		3456	10370	0	10370	9949	0	9949	0	0	0	421	0	421	0	0	0
Lebanon		NA		NA	NA		NA	NA		NA	NA		NA	NA		NA	NA
Malaysia		885	12524	9634	2890	2581	0	2581	2581	0	2581	9741	9634	107	10	0	10
Morocco (* duplicate entries)		2917	5899	0	5899	0	0	0	2444	0	2444	3455	0	3455	31	0	31
Netherlands (The)		9	5	0	5	0	0	0	1	0	1	4	0	4	0	0	0
New Zealand		NA		NA	NA		NA	NA		NA	NA		NA	NA		NA	NA
Norway (* duplicate entries)		223	174	60	114	1	0	1	96	0	96	77	60	17	0	0	0
Peru (* duplicate entries)		1605	1764	0	1764	0	0	0	0	0	0	1764	0	1764	29	0	29
Poland		491	115	0	115	2	0	2	68	0	68	44	0	44	0	0	0
Portugal		64	10	0	10	0	0	0	6	0	6	4	0	4	0	0	0
Slovenia		24	24	0	24	0	0	0	14	0	14	10	0	10	1	0	1
South Africa (* duplicate entries)		3069	4055	378	3677	216	0	216	3285	0	3285	770	378	392	10	2	8
Spain		450	585	0	585	63	0	63	444	0	444	78	0	78	10	0	10
Switzerland	Swiss Horseracing Federation	127	49	0	49	31	0	31	0	0	0	18	0	18	0	0	0
Switzerland	Fédération Suisse de Courses de Chevaux (Swiss Equestrian)	312	114	0	114	71	0	71	0	0	0	43	0	43	2	0	2
Switzerland total		439	163	0	163	102	0	102	0	0	0	61	0	61	2	0	2
Tunisia	Societe des courses de tunis (Tunis Racing Society)	542	57	23	34	35	23	12	11	2	9	11	3	8	1	1	0
Tunisia	Société des Courses Hippiques	255	267	0	267	0	0	0	119	0	119	148	0	148	16	0	16
Tunisia total		797	324	23	301	35	23	12	130	2	128	159	3	156	17	1	16
Turkey		12013	12013	0	12013	0	0	0	10029	0	10029	1984	0	1984	191	0	191
Uruguay		1980	3699	0	3699	89	0	89	3513	0	3513	97	0	97	18	0	18
USA (California)		24522	23281	13844	9437	6254	0	6254	3	0	3	17359	13844	3515	64	0	64
Venezuela		765	1170	0	1170	23	0	23	1146	0	1146	1	0	1	0	0	0
Total 32 (-3 with no response) countries		77431	125468	36359	89109	35928	355	35573	49869	9919	39950	42783	26110	16673	663	10	653

I. RACEDAY SAMPLES

Country	Racing Authority	TOTAL no. of declared positive cases	Is the horse involved always disqualified (or withdrawn from racing)?	Do you apply screening limits for controlling therapeutic substances?	Do you publish screening limits for controlling therapeutic substances?	Do you publish detection times for controlling therapeutic substances?	Do you apply residue limits for controlling environmental substances?	Do you publish residue limits for controlling therapeutic substances?
Argentina	Argentine Jockey Club	159	Yes	Yes	No	Yes	No	No
Argentina	Hipodromo De Palermo	41	Yes	No	No	No	No	No
Argentina total		200	Yes	Yes/No	No	Yes/No	No	No
Austria		0	Yes	No	Yes	No	No	No
Bahrain	Rashid Equestrian and Horseracing Authority	11	Yes	Yes	Yes	No	Yes	Yes
Bahrain	Rashid Equestrian & Horseracing Club	5						
Bahrain total		16	Yes	Yes	Yes	No	Yes	Yes
Belgium	Belgian Galop Federation	2	Yes	Yes	Yes	Yes	Yes	No
Belgium	Belgian Federation of Horse Races	2	Yes	Yes	No	No	Yes	No
Belgium total		4	Yes	Yes	Yes/No	Yes/No	Yes	No
Brazil	Jockey Club Brasileiro	2	Yes	Yes	Yes	No	Yes	Yes
Brazil	Jockey Club De Sao Paulo	4	Yes	No	No	No	Yes	Yes
Brazil total		6	Yes	Yes/No	Yes/No	No	Yes	Yes
Canada		12	Yes	Yes	No	No	No	No
Chile	Sociedad Hipodromo Chile (Santiago)	6	Yes	Yes	Yes	Yes	No	No
Chile	Valparaiso Sporting Club (Viña Del Mar)	6	Yes	Yes	Yes	Yes	No	No
Chile total (* Club Hipico de Santiago entry considered duplicated)		12	Yes	Yes	Yes	Yes	No	No
China (Hong Kong)		0	Yes	Yes	No	No	Yes	No
Cyprus		12	Yes	Yes	Yes	No	Yes	No
Czech Republic			NA	NA	NA	NA	NA	NA
France		15	Yes	Yes	No	Yes	Yes	No
Germany		2	Yes	Yes	Yes	Yes	Yes	Yes

Country	Racing Authority	TOTAL no. of declared positive cases	Is the horse involved always disqualified (or withdrawn from racing)?	Do you apply screening limits for controlling therapeutic substances?	Do you publish screening limits for controlling therapeutic substances?	Do you publish detection times for controlling therapeutic substances?	Do you apply residue limits for controlling environmental substances?	Do you publish residue limits for controlling therapeutic substances?
Hungary		1						
Japan		0	Yes	Yes	No	No	Yes	No
Lebanon			NA	NA	NA	NA	NA	NA
Malaysia		10	Yes	Yes	No	Yes	Yes	No
Morocco (* duplicate entries)		31	Yes	Yes	Yes	Yes/No *	Yes/No *	No
Netherlands (The)		0	Yes	Yes	No	No	No	No
New Zealand			NA	NA	NA	NA	NA	NA
Norway		0	Yes	Yes	No	Yes	Yes	No
Peru (* duplicate entries)		29	Yes	Yes	Yes	Yes	Yes/No *	Yes/No *
Poland		0	Yes	No	No	No	Yes	No
Portugal		0	No	Yes	Yes	No	Yes	Yes
Slovenia		1	Yes	No	No	No	Yes	Yes
South Africa		10	No	Yes	Yes	Yes	Yes	Yes
Spain		10	Yes	Yes	No	No	Yes	Yes
Switzerland	Swiss Horseracing Federation	0	Yes	Yes	Yes	Yes	Yes	No
Switzerland	Fédération Suisse de Courses de Chevaux (Swiss Equestrian)	2	Yes	No	No	No	No	No
Switzerland total		2	Yes	Yes/No	Yes/No	Yes/No	Yes/No	No
Tunisia	Societe des courses de tunis (Tunis Racing Society)	1	Yes	No	No	No	No	No
Tunisia	Société des Courses Hippiques	16						
Tunisia total		17	Yes	No	No	No	No	No
Turkey		191	Yes	Yes	Yes	No	No	No
Uruguay		18	Yes	Yes	Yes	Yes	Yes	Yes
USA (California)		64	No	Yes	No	No	Yes	No
Venezuela		0	Yes	No	No	No	No	No
Total 32 (-3 with no response) countries		663						

I. RACING DAY SAMPLES		
PROHIBITED SUBSTANCES DETECTED	COUNTRIES OF DETECTION	TOTAL
2,5-Dihydroxybenzenesulfonate (component of etamsylate)	BE(2)	2
Acebutolol (and or its metabolites)	TN(1)	1
Acepromazine (and or its metabolites)	AR(2), CA(2), TN(2)	6
Acetaminophen (or Paracetamol) and or its metabolites	MA(1), TN(3)	4
Altrenogest	CA(1)	1
Ambroxol (and or its metabolites)	TR(2)	2
Antipyrine (and or its metabolites)	TR(4)	4
Arsenic	AR(7)	7
Atenolol (and or its metabolites)	AR(2), PE(12)	14
Benzocaine (and or its metabolites)	AR(2)	2
Betamethasone (and or its metabolites)	FR(1), TR(3), UY(1)	5
Boldenone (and or its metabolites)	CY(3), PE(1)	4
Butorphanol (and or its metabolites)	AR(6), UY(1)	7
Butyl glucuronide (metabolite of butanol)	FR(1)	1
Caffeine (and or its metabolites)	AR(6), CY(1), MA(5), ZA(2), ES(2), TN(3), TR(2), UY(5), US(2)	28
Cannabidiolic acid	CA(5)	5
Capsaicin	CH(1)	1
Chlorothiazide (and or its metabolites)	MA(1)	1
Clenbuterol (and or its metabolites)	AR(56), BR(1), CL(1), FR(1), HU(1), TN(1), TR(1), UY(5)	67
Cobalt	AR(21), MA(1), TN(3), TR(2), US(1)	28
Cocaine (and or its metabolites)	AR(6), FR(1)	7
Codeine (and or its metabolites)	CH(1)	1
Cyproheptadine (and or its metabolites)	AR(4)	4
Dantrolene (and or its metabolites)	BH(1)	1
Dexamethasone (and or its metabolites)	AR(32), CL(1), FR(1), MY(4), MA(10), PE(2), ZA(2), TN(4), TR(2), UY(3), US(1)	62
Dexamethasone, Hydrochlorothiazide, Procaine	MA(1)	1
Dextropropoxyphene (and or its metabolites)	AR(1)	1

Diclofenac (and or its metabolites)	FR(1), MY(1), PE(12)	14
Diisopropylamine (and or its dichloroacetate anion)	AR(2), MA(1)	3
Dimethyl Sulfoxide (DMSO)	FR(1), ES(1), US(1)	3
Dipyronc (and or its metabolites)	AR(1), MA(1), PE(8), TR(14)	24
Dyphylline (and or its metabolites)	TR(1)	1
Ephedrine (and or its metabolites)	AR(8), TR(1)	9
Erythropoietin (EPO) and or its metabolites	CY(1)	1
Etodolac (and or its metabolites)	TR(2)	2
Etofenamate (and or its metabolites)	TR(6)	6
Fenoprofen (and or its metabolites)	MA(1)	1
Flufenamic acid (and or its metabolites)	TR(6)	6
Flumethasone (and or its metabolites)	ZA(1)	1
Flunixin (and or its metabolites)	AR(1), CL(1), MY(4), MA(2), PE(3), ZA(3), TN(1), TR(7), UY(2), US(4)	28
Flurbiprofen (and or its metabolites)	TN(1)	1
Furosemide (and or its metabolites)	AR(8), BH(1), CA(2), CL(2), MY(1), PE(15), TN(13), US(1)	43
Glycopyrrolate (and or its metabolites)	AR(1)	1
Guanabenz (and or its metabolites)	AR(4)	4
Harpagoside	BH(10)	10
Hordenine	FR(1)	1
Hydrochlorothiazide (and or its metabolites)	MA(2)	2
Isoxuprine (and or its metabolites)	AR(6)	6
Ketamine (and or its metabolites)	CL(4), CY(4)	8
Ketoprofen (and or its metabolites)	CL(1), MY(1), TR(5), US(1)	8
Lidocaine (and or its metabolites)	AR(2), TR(6), US(1)	9
Medroxyprogesterone acetate	US(1)	1
Meloxicam (and or its metabolites)	TR(4)	4
Mephentermine (and or its metabolites)	ZA(1)	1
Methocarbamol (and or its metabolites)	AR(3)	3
Methylprednisolone (and or its metabolites)	AR(1)	1

Morphine (and or its metabolites)	AR(1), FR(4), MA(2), ZA(1), ES(2), CH(1)	11
Nefopam (and or its metabolites)	TN(1)	1
Niketamide (and or its metabolites)	AR(1)	1
Oripavine	ES(2)	2
Orphenadrine (and or its metabolites)	UY(1)	1
Oxyphenbutazone (and or its metabolites)	AR(4), TN(5)	9
Pentoxifylline (and or its metabolites)	CY(3)	3
Phenylbutazone (and or its metabolites)	AR(4), CA(1), CL(1), FR(1), MA(1), TN(5), US(15)	28
Pregabalin	CL(1)	1
Procaine (and or its metabolites)	AR(9), BR(2), HU(1), TR(8)	20
Pseudoephedrine (and or its metabolites)	AR(2)	2
Pyrilamine (and or its metabolites)	TR(4)	4
Ractopamine (and or its metabolites)	BR(2)	2
Sildenafil (and or its metabolites)	TR(2)	2
Stanozolol (and or its metabolites)	AR(2)	2
Strychnine (and or its metabolites)	AR(3)	3
Terbutaline (and or its metabolites)	FR(1)	1
Testosterone (and or its metabolites)	BE(2), CL(1), TR(1)	4
Theobromine (and or its metabolites)	SI(1), ES(5)	6
Theophylline (and or its metabolites)	AR(2), MA(2), ES(4), TN(1), TR(1)	10
Thioridazine (and or its metabolites)	AR(2)	2
Tiludronic Acid	MA(2), TN(1)	3
Triamcinolone and or its metabolites* (might be mistaken as the same as Triamcinolone Acetonide)	BR(1), DE(2), ES(1), TR(2)	6
Venlafaxine (and or its metabolites)	CY(1)	1
Xylazine (and or its metabolites)	MY(1)	1
Total		595

II. TESTING IN TRAINING (OUT OF COMPETITION)

Country	Racing Authority	Total no. of horses sampled out of competition (should = sum from A to G)	Horses sampled out of competition that gave urine, blood & hair (A)	Horses sampled out of competition that gave only urine (B)	Horses sampled out of competition that gave only blood (C)	Horses sampled out of competition that gave only hair (D)	Horses sampled out of competition that gave only urine & blood (E)	Horses sampled out of competition that gave only blood & hair (F)	Horses sampled out of competition that gave only urine & hair (G)	Toal no. of horses reported positive out of competition
Argentina	Argentine Jockey Club	215	0	0	215	0	0	0	0	6
Argentina	Hipodromo De Palermo	0	0	0	0	0	0	0	0	0
Argentina total		215	0	0	215	0	0	0	0	6
Austria		0	0	0	0	0	0	0	0	0
Bahrain	Rashid Equestrian and Horseracing Authority	145	0	0	0	0	0	145	0	0
Bahrain	Rashid Equestrian & Horseracing Club									
Bahrain total		145	0	0	0	0	0	145	0	0
Belgium	Belgian Galop Federation	0	0	0	0	0	0	0	0	0
Belgium	Belgian Federation of Horse Races	0	0	0	0	0	0	0	0	0
Belgium total		0	0	0	0	0	0	0	0	0
Brazil	Jockey Club Brasileiro	0	0	0	0	0	0	0	0	0
Brazil	Jockey Club De Sao Paulo	0	0	0	0	0	0	0	0	0
Brazil total		0	0	0	0	0	0	0	0	0
Canada		0	0	0	0	0	0	0	0	0
Chile	Sociedad Hipodromo Chile (Santiago)	0	0	0	0	0	0	0	0	0
Chile	Valparaiso Sporting Club (Viña Del Mar)	0	0	0	0	0	0	0	0	0
Chile total (* Club Hipico de Santiago entry considered duplicated)		0	0	0	0	0	0	0	0	0
China (Hong Kong)		1653	0	495	1001	133	24	0	0	6
Cyprus		0	0	0	0	0	0	0	0	0
Czech Republic		NA	NA	NA	NA	NA	NA	NA	NA	NA
France		1212	0	4	209	2	969	28	0	9
Germany		156	0	0	156	0	0	0	0	7

Country	Racing Authority	Total no. of horses sampled out of competition (should = sum from A to G)	Horses sampled out of competition that gave urine, blood & hair (A)	Horses sampled out of competition that gave only urine (B)	Horses sampled out of competition that gave only blood (C)	Horses sampled out of competition that gave only hair (D)	Horses sampled out of competition that gave only urine & blood (E)	Horses sampled out of competition that gave only blood & hair (F)	Horses sampled out of competition that gave only urine & hair (G)	Toal no. of horses reported positive out of competition
Hungary										
Japan		5556	0	0	5556	0	0	0	0	0
Lebanon		NA	NA	NA	NA	NA	NA	NA	NA	NA
Malaysia		1	0	0	0	0	1	0	0	0
Morocco										
Netherlands (The)		1	1	0	1	0	0	0	0	0
New Zealand		NA	NA	NA	NA	NA	NA	NA	NA	NA
Norway		60	0	0	50	0	0	10	0	0
Peru		0	0	0	0	0	0	0	0	0
Poland		0	0	0	0	0	0	0	0	0
Portugal		0	0	0	0	0	0	0	0	0
Slovenia		0	0	0	0	0	0	0	0	0
South Africa		658	0	0	658	0	0	0	0	5
Spain		198	0	0	198	0	0	0	0	15
Switzerland	Swiss Horseracing Federation	16	0	0	9	0	7	0	0	1
Switzerland	Fédération Suisse de Courses de Chevaux (Swiss Equestrian)	26	0	0	11	0	14	0	0	0
Switzerland total		42	0	0	20	0	21	0	0	1
Tunisia	Société des courses de tunis (Tunis Racing Society)	66	0	12	53	0	1	0	0	0
Tunisia	Société des Courses Hippiques									
Tunisia total		66	0	12	53	0	1	0	0	0
Turkey		0	0	0	0	0	0	0	0	0
Uruguay		0	0	0	0	0	0	0	0	0
USA (California)		250	0	0	150	120	0	25	0	21
Venezuela		0	0	0	0	0	0	0	0	0
Total 32 (-3 with no response) countries		10213	1	511	8267	255	1016	208	0	70

II. TESTING IN TRAINING (OUT OF COMPETITION)		
PROHIBITED SUBSTANCES DETECTED	COUNTRIES OF DETECTION	TOTAL
Acepromazine (and or its metabolites)	HK(1), FR(3), ZA(1), ES(1)	6
Acetazolamide (and or its metabolites)	TN(2)	2
Butorphanol (and or its metabolites)	DE(1)	1
Caffeine (and or its metabolites)	TN(2)	2
Clenbuterol (and or its metabolites)	AR(1), ZA(1), US(3)	5
Clodronate	DE(1)	1
Cocaine (and or its metabolites)	AR(1)	1
Dantrolene (and or its metabolites)	FR(1), US(5)	6
Dexamethasone (and or its metabolites)	AR(3), ES(2), US(1)	6
Dextromethorphan (and or its metabolites)	HK(1)	1
Dimethyl Sulfoxide (DMSO)	FR(1)	1
Dipyron (and or its metabolites)	CH(1)	1
Famotidine (and or its metabolites)	HK(1)	1
Flunixin (and or its metabolites)	DE(1), ZA(1), ES(1), US(1)	4
Formestane (and or its metabolites)	FR(1)	1
Furosemide (and or its metabolites)	TN(10)	10
Hydrochlorothiazide (and or its metabolites)	ES(1)	1
myo-InositolTrisPyroPhosphate (ITPP) and/or its metabolites	HK(1)	1
Meloxicam (and or its metabolites)	FR(1), DE(2), ES(1)	4
Mepivacaine (and or its metabolites)	ES(1)	1
Methocarbamol (and or its metabolites)	US(3)	3
N-butylscopolamine (and or its metabolites)	CH(1)	1
Oxyphenbutazone (and or its metabolites)	ES(6)	6
Phenylbutazone (and or its metabolites)	FR(1), ES(6), US(12)	19
Prednisolone and/or its metabolites	ES(1)	1
Procaine (and or its metabolites)	ES(2)	2
Promazine (and or its metabolites)	ES(3)	3
Promethazine and/or its metabolites	TN(6)	6
Reserpine and/or its metabolites	AR(1)	1
Salmeterol and/or its metabolites	TN(2)	2
Stanozolol (and or its metabolites)	AR(1)	1
Triamcinolone* and or its metabolites (* might be mistaken as the same as Triamcinolone Acetonide)	FR(1)	1
Xylometazoline and/or its metabolites	HK(1)	1
	Total	103

III. RULES OF RACING

Country	Racing Authority	TOTAL no. of races (flats & jumps)	Does the racing authority has ownership of all the A and B samples collected from racehorses?	If an A-sample is reported positive, is the B-sample always analysed systematically?	Does the trainer have the choice of the laboratory analysing the B-sample?	Please indicate any other item(s) you believe should be on this questionnaire.
Argentina	Argentine Jockey Club	4840	Yes	No	No	
Argentina	Hipodromo De Palermo	1582	No	No	No	none
Argentina total		6422	Yes/No	No	No	none
Austria		6	Yes	No	Yes	None
Bahrain	Rashid Equestrian and Horseracing Authority	219	Yes	No	No	All prerace bloods are taken for TCO2
Bahrain	Rashid Equestrian & Horseracing Club	20				
Bahrain total		239	Yes	No	No	
Belgium	Belgian Galop Federation	154	No	No	Yes	none
Belgium	Belgian Federation of Horse Races	136	Yes	No	Yes	Foals tested before race career
Belgium total		290	Yes/No	No	Yes	
Brazil	Jockey Club Brasileiro	144	Yes	No	No	
Brazil	Jockey Club De Sao Paulo	541	Yes	Yes	Yes	none
Brazil total		685	Yes	Yes/No	Yes/No	none
Canada		3122	Yes	No	Yes	none
Chile	Sociedad Hipodromo Chile (Santiago)	1770	No	No	Yes	none
Chile	Valparaiso Sporting Club (Viña Del Mar)	1227	No	No	Yes	none
Chile total (* Club Hipico de Santiago entry considered duplicated)		2997	No	No	Yes	none
China (Hong Kong)		827	Yes	Yes	No	None
Cyprus		861				
Czech Republic		NA	NA	NA	NA	NA
France		6995	Yes	No	Yes	none
Germany		1029	Yes	No	Yes	none

Country	Racing Authority	TOTAL no. of races (flats & jumps)	Does the racing authority has ownership of all the A and B samples collected from racehorses?	If an A-sample is reported positive, is the B-sample always analysed systematically?	Does the trainer have the choice of the laboratory analysing the B-sample?	Please indicate any other item(s) you believe should be on this questionnaire.
	Hungary	249				
	Japan	3456	Yes	Yes	No	none
	Lebanon	NA	NA	NA	NA	NA
	Malaysia	885	Yes	No	Yes	none
	Morocco	2917	Yes	No	Yes	none
	Netherlands (The)	9	Yes	No	Yes	none
	New Zealand	NA	NA	NA	NA	NA
	Norway	223	Yes	Yes	No	
	Peru	1605	Yes	Yes	Yes	None
	Poland	491	Yes	No	Yes	none
	Portugal	64	Yes	No	Yes	none
	Slovenia	24				
	South Africa	3069	Yes	No	Yes	None
	Spain	450	Yes	No	Yes	none
Switzerland	Swiss Horseracing Federation	127	Yes	No	Yes	none
Switzerland	Fédération Suisse de Courses de Chevaux (Swiss Equestrian)	312	Yes	No	Yes	
	Switzerland total	439	Yes	No	Yes	none
Tunisia	Societe des courses de tunis (Tunis Racing Society)	542	Yes	No	Yes	
Tunisia	Société des Courses Hippiques	255				
	Tunisia total	797	Yes	No	Yes	none
	Turkey	12013	Yes	Yes	Yes	None
	Uruguay	1980	Yes	No	No	
	USA (California)	24522	Yes	No	Yes	none
	Venezuela	765	Yes	Yes	Yes	none
Total 32 (-3 with no response) countries		77431				

IV. CONTACT INFORMATION

Country	Racing Authority	RACING AUTHORITY CONTACT INFORMATION	Information for Laboratory Analyzing Primary (A) Samples	Laboratory accredited to ISO/IEC 17025?	Chief Veterinary Officer
Argentina	Argentine Jockey Club	Argentine Jockey Club Av. Bernabé Marquez 504 San Isidro, Gran Buenos Aires Buenos Aires, 1642 Argentina squimico@jockeyclub.com.ar +54 9 11 6647-7481	Laboratorio Químico Jockey Club Argentino Patricia Porto Buenos Aires Argentina pporto@jockeyclub.com.ar +54 9 11 6647-7481	Yes	Alberto Costa Hipódromo de San Isidro Buenos Aires Argentina acosta@jockeyclub.com.ar +54 9 11 4435-3004
			CeNARD Osvaldo Temes Centurion Buenos Aires Argentina osvaldotc@yahoo.com.ar +54 9 11 5664-6117	No	
			Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France l.bailly@lchfrance.fr +33 169752828	Yes	
	Hipodromo De Palermo	HIPODROMO DE PALERMO Avenida del LIBERTADOR 4101 CABA, 1426 ARGENTINA fspangenberg@palermo.com.ar chuarte@palermo.com.ar +541147782800	CeNARD Osvaldo Temes Centurion Caba Argentina doping@deportes.gov.ar +541147041609	No	Ricardo Campodonico Hipodromo de Palermo Caba Argentina rcampodonico@palermo.com.ar +541147782883
			Laboratorio Jockey Club Patricia Porto Buenos Aires Argentina SERVICIOQUIMICO@jockeyclub.com.ar +541140062890	Yes	Claudio Huarte Hipodromo de Palermo Caba Argentina chuarte@palermo.com.ar +541147782883
Austria	Direktorium für Galopprennsport und Vollblutzucht	Direktorium für Galopprennsport und Vollblutzucht in Österreich Richard-Strauss-Straße 34 Vienna, 1230 Austria Office@direktorium-galopp.at +43 664 4679577	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr 0033 169752828	Yes	Dr Isabella Copar Direktorium für Galopprennsport und Vollblutzucht Vienna Austria Isabella.copar@chello.at +43 6642264790

Country	Racing Authority	RACING AUTHORITY CONTACT INFORMATION	Information for Laboratory Analyzing Primary (A) Samples	Laboratory accredited to ISO/IEC 17025?	Chief Veterinary Officer
Bahrain	<i>Rashid Equestrian and Horseracing Authority</i>	Rashid Equestrian and Horseracing Authority Riffa Southern Governance Bahrain, Kingdom of rob@rehc.gov.bh 0097366733300	LGC Ltd James Scarth Fordham United Kingdom james.scarth@lgcgroup.com 00441638724412	Yes	Dr Rob van Pelt MRCVS Rashid Equestrian and Racehorse Club Riffa Kingdom of Bahrain rob@rehc.gov.bh 0097366733300
	<i>Rashid Equestrian & Horseracing Club</i>	RASHID EQUESTRIAN AND HORSERACING CLUB Bldg 1287 Road 4725 Block 947 Al Raffah Bahrain hussain.ali@rehc.gov.bh 00973 33995577			
Belgium	<i>Belgian Galop Federation</i>	Belgian Galop Federation Route de Wallonie 31A MONS Henegouwen, 7011 Belgium dir@bgalopf.be 0032476308936	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33(0) 169752828	Yes	VAN DOOREN David Dierenartsenpraktijk Antwerpen Belgium d.v.n@busmail.net 0032(0)475622825
	<i>Belgian Federation of Horseracing</i>	Belgian Federation of Horseracing Route de Wallonie 31a Ghlin Hainaut, 7011 Belgium d.v.n@busmail.net 0032475622825	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33(0) 169752828	Yes	VAN DOOREN DAVID Belgian Federation of Horseracing Antwerpen Belgium d.v.n@busmail.com 0032475622825
Brazil	<i>Jockey Club Brasileiro</i>	JOCKEY CLUB BRASILEIRO Praça Santos Dumont 31 Rio de Janeiro RJ, 22470060 Brasil marcelo.beloch@jcb.com.br +55 21 986260202	California Animal Health & Food Safety Laboratory System Benjamin Moeller California United States of America bcmoeller@ucdavis.edu +1 530 752-8700	Yes	Janaina Louzada Jockey Club Brasileiro Rio de Janeiro Brasil janaina.louzada@jcb.com.br +55 21 99648 2336
			Laboratoire des Courses Hippique (LCH) Valerie Dulot Verrières-le-Buisson France lch@lchfrance.fr +33(0) 169752828	Yes	

Country	Racing Authority	RACING AUTHORITY CONTACT INFORMATION	Information for Laboratory Analyzing Primary (A) Samples	Laboratory accredited to ISO/IEC 17025?	Chief Veterinary Officer
Brazil (continued)	<i>Jockey Club De Sao Paulo</i>	JOCKEY CLUB DE SÃO PAULO RUA BENTO FRIAS 248 RUA DR JOSÉ AUGUSTO DE QUEIROZ 93 Sao Paulo, 05423050 Brasil antidopagem@jockeysp.com.br 1121618414	Departamento De Controle E Pesquisas Antidopagem, Jockey Club De Sao Paulo Mirtes Eliete Velletri De Souza Sao Paulo Brasil antidopagem@jockeysp.com.br 1121618414	No	ANTONIO CARLOS BOLINO Jockey Club de São Paulo São Paulo Brasil acbolino@jockeysp.com.br +551121618309
Canada	Canadian Pari-Mutuel Agency	Canadian Pari-Mutuel Agency 960 Carling Ave. CEF Building 74 Ottawa, Ontario, K1A 0C6 Canada lydia.brooks@agr.gc.ca 613-219-4896	Bureau Veritas Laboratories Geoffrey Lam British Columbia Canada geoffrey.lam@bureauveritas.com 1-(604) 679-1454	Yes	
			CPMA Reference & Research Laboratory Lydia Brooks Ottawa Canada lydia.brooks@agr.gc.ca +1 6132194896	Yes	
Chile	<i>Sociedad Hipodromo Chile (Santiago)</i>	Sociedad Hipodromo Chile Beltran Montt Av. Hipódromo Chile 1715A Santiago, 8380041 Chile bmontt@hipodromochile.cl +569 98258406	Industrial Laboratories Co inc Petra Hartmann Colorado USA phartmann@industriallab.net +1 3032879691	Yes	Paula Soza Consejo Superior de la Hípica Nacional Santiago Chile paula.soza.vet@gmail.com +56993424799
			Racing Analytical Services Limited David Batty Melbourne Australia dbatty@rasl.com.au +61 3 9376 6760	Yes	
	<i>Valparaiso Sporting Club (Viña Del Mar)</i>	Valparaiso Sporting Club Luis Araya Runge Avda. Los Castaños 404 Viña del mar Valparaiso, 2520000 Chile laraya@sporting.cl +56988075809	Industrial Laboratories Co inc Petra Hartmann Colorado USA phartmann@industriallab.net +1 3032879691	Yes	
			Racing Analytical Services Limited David Batty Melbourne Australia dbatty@rasl.com.au +61 3 9376 6760	Yes	

Country	Racing Authority	RACING AUTHORITY CONTACT INFORMATION	Information for Laboratory Analyzing Primary (A) Samples	Laboratory accredited to ISO/IEC 17025?	Chief Veterinary Officer
China (Hong Kong)	<i>Racing Division, The Hong Kong Jockey Club</i>	Racing Division, The Hong Kong Jockey Club 1 Sports Road Happy Valley Hong Kong China andrew.c.harding@hkjc.org.hk +852-2966-7991	Racing Laboratory Dr Emmie N. M. Ho Sha Tin, Hong Kong China Emmie.nm.ho@hkjc.org.hk +852-2966-6521	Yes	Dr Bronte S. Forbes The Hong Kong Jockey Club Sha Tin, Hong Kong China bronte.s.forbes@hkjc.org.hk +852-2966-6741
Cyprus	<i>Cyprus Turf Club</i>	Cyprus Turf Club 41 Them. Dervis Street, Hawaii Nicosia Tower, Off. 304-307 Nicosia, 1516 Cyprus turf@cytanet.com.cy 0035722765255	LGC Ltd Dr James Scarth Fordham United Kingdom AnimalSportUK@lgcgroup.com +44(0)1638720500	Yes	Kypros Protopapas Cyprus Turf Club Nicosia Cyprus turf@cytanet.com.cy +35722765255
Czech Republic	<i>Jockey Club Ceske Republiky</i>	Jockey Club Ceske Republiky Radotínská 69/34 Praha, 15900 Czech Republic Česko sekretariat@dostihy.cz +420602218404			
France	<i>France Galop</i>	France Galop 15 BD DOUAUMONT PARIS, 75017 FRANCE swittreck@france-galop.com +33699694640	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France l.bailly@lchfrance.fr +33 169752828	Yes	SONIA WITTECK France galop PARIS France swittreck@france-galop.com +33699694640
					CHAPMAN France galop PARIS France swittreck@france-galop.com +33788664137
Germany	<i>Deutscher Galopp e.V.</i>	Deutscher Galopp e.V. Rennbahnstrasse 154 Köln Nordrhein-Westfalen, 50737 Germany rschmanns@deutscher-galopp.de 0049 221 7498 20	Deutsche Sporthochschule Köln - Institut für Biochemie Prof.Dr.M.Thevis Köln Deutschland m.machnik@biochem.dshs-koeln.de +4922149824940	Yes	Prof. Dr. Harald Siemen Stiftung Tierärztliche Hochschule Hannover Niedersachsen Germany harald.sieme@tiho-hannover.de +49 511 953 8530

Country	Racing Authority	RACING AUTHORITY CONTACT INFORMATION	Information for Laboratory Analyzing Primary (A) Samples	Laboratory accredited to ISO/IEC 17025?	Chief Veterinary Officer
Hungary	Kincsem Nemzeti Kft.	Kincsem Nemzeti Kft. Albertirsai út 2-4. Budapest, H-1101 Hungary botond.kovacs@kincsempark.hu zoltan.smulovics@kincsempark.hu tuskapal1@gmail.com 36 20 513 3742			
Japan	Japan Racing Association	Japan Racing Association 1-1-1 Nishishinbashi Minato-Ku Tokyo, 105-0003 Japan Fumiaki_Mizobe@jra.go.jp +817030365393	Laboratory of Racing Chemistry Toru Anzai Utsunomiya Japan Fax +81-28-647-4463 Tel +81-28-647-4459	Yes	Yoshikazu Matsuda Japan Racing Association Tokyo Japan Yoshikazu_Matsuda@jra.go.jp +817030365350
Lebanon	SPARCA	SPARCA omar beyhum avenue beirut lebanon sparca.leb@gmail.com +9611632515			
Malaysia	MALAYAN RACING ASSOCIATION (MRA)	MALAYAN RACING ASSOCIATION (MRA) UNIT NO.: A-5-4, LEVEL 5, BLOCK A, MINES WATERFRONT BUSINESS PARK, THE MINES RESORT CITY SERI KEMBANGAN SELANGOR DARUL EHSAN, 43300 MALAYSIA mkaladas@malayanracing.com +603 8941 1716	VETERINARY FORENSIC LABORATORY CHAN SUE HAY PENANG Malaysia chansuehay@gmail.com +6046593140	Yes	KHOR LI LI PENANG TURF CLUB PENANG MALAYSIA pntcvet@yahoo.com +6042385111 REZA SINGAM PERAK TURF CLUB IPOH MALAYSIA reza_singam@yahoo.com +6052540505 SHRI KANTH KANAESALINGAM SELANGOR TURF CLUB SELANGOR DARUL EHSAN MALAYSIA shri73@gmail.com +60390583888

Country	Racing Authority	RACING AUTHORITY CONTACT INFORMATION	Information for Laboratory Analyzing Primary (A) Samples	Laboratory accredited to ISO/IEC 17025?	Chief Veterinary Officer
Morocco (* duplicate entries)	SOREC	SOREC Angles Rocade de Rabat et rue Ait Malek Bâtiment C Souissi Rabat, 10224 Morocco contact@sorec.ma +212537271000	Laboratoire de contrôle antidopage Maroc Taha El Kamli Rabat Morocco labiav.sorec@gmail.com +212597770783	No	Sara Ouadadouch SOREC Rabat Morocco souadadouch@sorec.ma +212661767341
			Laboratoire des Courses Hippique (LCH) Dr Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33 169752828	Yes	Hicham Debbagh SOREC Rabat Morocco hdebbagh@sorec.ma
Netherlands (The)	Stichting Ned. Draf- en Rensport (Dutch Jockey Club)	Stichting Ned. Draf- en Rensport Waalsdorperlaan 29 P.O. Box 60, Wassenaar Zuid-Holland, 2244BN Nederland info@ndr.nl 0703047120	Laboratoire des Courses Hippique (LCH) Dr Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33(0) 169752828	Yes	C.W. Mellegers Stg. Ned. Draf- en Rensport Wassenaar Nederland c.mellegers@ndr.nl +31 703047120
New Zealand	New Zealand Thoroughbred Racing	New Zealand Thoroughbred Racing 106-110 Jackson Street Petone Wellington, 5012 New Zealand colin.hall@nztr.co.nz 0275639526			
Norway	The Norwegian Horseracing Authority	The Norwegian Horseracing Authority Vollsveien 132 Jar, 1358 Norway liv.kristiansen@rikstoto.no 0047 97518458	SVA Sweden Mathilda Salomonsen Uppsala Sweden sva@sva.se 004618674000	Yes	Anne Wangen Det Norske Travsselskap Oslo Norway anne.vighild.wangen@travsport.no 004790557115
Peru	Jockey Club of Peru	Jockey Club of Peru (Danilo Chávez Abad) AV. EL DERBY p. 3 MONTERRICO - SURCO LIMA, 051 PERÚ presidencia@jcp.org.pe 610-3000 / 2102	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33(0) 169752828	Yes	JOSÉ LUIS LOZANO and OSCAR QUILCA AVALOS JOCKEY CLUB DEL PERU LIMA PERU presidencia@jcp.org.pe 051- 6103000 (2102)
			INDUSTRIAL LABORATORIES TIM KRUEGER COLORADO USA tkruieger@industrialallabs.net +1 (303)287 9691	Yes	

Country	Racing Authority	RACING AUTHORITY CONTACT INFORMATION	Information for Laboratory Analyzing Primary (A) Samples	Laboratory accredited to ISO/IEC 17025?	Chief Veterinary Officer
Poland	<i>Polski Klub Wycigow Konnych</i>	Polski Klub Wycigow Konnych Pulawska Street 266 Warsaw, 02-684 Poland pkwk@pkwk.org; j.kasprzak@pkwk.org 00 48 22 853 17 15	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33 169752828	Yes	Mrs Joanna Szwest Polski Klub Wycigow Konnych Warsaw Poland asiula700@wp.pl 00 48 602 229 639
Portugal	<i>Liga Portuguesa de Trote e Galope</i>	Liga Portuguesa de Trote e Galope Avenida da Liberdade nº 110, 1º 1269-046 Lisboa Lisboa, 1269-046 Portugal geral@ligacavaloscorrida.pt 00351935767053	LGC Ltd Dr James Scarth Fordham United Kingdom info@lgcgroup.com +44(0)1638720500	Yes	Andreia Isabel Lopes Cerqueira Amaral Paredes Portugal andreia.isabel.amaral@gmail.com +351914728329
Slovenia	<i>KASAŠKA ZVEZA SLOVENIJE</i>	KASAŠKA ZVEZA SLOVENIJE CELOVŠKA CESTA 25 Ljubljana Osrednjeslovenska, 1000 Slovenija info@zveza-kasaska-centrala.si 0038615151003			
South Africa	<i>THE NATIONAL HORSERACING AUTHORITY OF SOUTHERN AFRICA</i>	THE NATIONAL HORSERACING AUTHORITY OF SOUTHERN AFRICA TURFFONTEIN RACECOURSE TURF CLUB STREET, TURFFONTEIN GAUTENG, 2190 SOUTH AFRICA CINDY@NHRA.CO.ZA +27116839283	THE NATIONAL HORSERACING AUTHORITY OF SOUTHERN AFRICA DR SCHALK DE KOCK TURFFONTEIN SOUTH AFRICA SCHALKDK@NHRALABORATORY.CO.ZA +27116839283	Yes	DR MATTHEW BAWDEN THE NATIONAL HORSERACING AUTHORITY OF SOUTHERN AFRICA TURFFONTEIN SOUTH AFRICA MATT@NHRA.CO.ZA +27116839283
Spain	<i>JOCKEY CLUB ESPAÑOL</i>	JOCKEY CLUB ESPAÑOL Avda. Padre Huidobro s/n Madrid, 28023 SPAIN pojanguren@jockey-club.es +34637712194	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33 169752828	Yes	Manuel Rodríguez Sánchez Jockey Club Español Madrid Spain mrodriguez19487@gmail.com +34639724250
Switzerland	<i>Swiss Horseracing Federation</i>	Swiss Horseracing Federation Les Longs-Prés 1a Case postale Avenches, VD, 1580 Switzerland petra.maurer@jena.ch +41 26 676 76 20	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33 169752828	Yes	Thiébaud Gilles Swiss Horseracing Federation Avenches Switzerland gillesthibaud@bluewin.ch +41 79 379 00 08
	<i>Fédération Suisse de Courses de Chevaux (Swiss Equestrian)</i>	Fédération Suisse de Courses de Chevaux Les Longs-Prés 1a Avenches, VD, 1580 Switzerland petra.maurer@jena.ch +41266767620	Laboratoire des Courses Hippique (LCH) Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33 169752828	Yes	Thiébaud Gilles Fédération Suisse de Courses de Chevaux Avenches Switzerland gilles.thiebaud@jena.ch +41 79 379 00 08

Country	Racing Authority	RACING AUTHORITY CONTACT INFORMATION	Information for Laboratory Analyzing Primary (A) Samples	Laboratory accredited to ISO/IEC 17025?	Chief Veterinary Officer
Tunisia	<i>Societe des courses de tunis (Tunis Racing Society)</i>	Societe des courses de tunis (Tunis Racing Society) Tunisia	LCH	Yes	
	<i>Société des Courses Hippiques</i>	Société des Courses Hippiques Hippodrome de Kassar Said Douar Hicher, Manouba, 2086 Tunisia sch@sc-hippique.tn +21671653297			
Turkey	<i>TJK (Turkish Jockey Club)</i>	TJK (Turkish Jockey Club) Ankara, Keçiören Turkey ylzkksl@hotmail.com +905445659961			
Uruguay	HRU - Codere	HRU - Codere José María Guerra 3540 Montevideo 12000 Uruguay rita.rocca@codere.com +59899195982	Laboratorio Dopaje (Secretaria Nacional de Deporte) Q.F. Carola Stanko Montevideo Uruguay laboratorio.dopaje@deporte.gub.uy 0059829012180	No	Dr. Rita Rocca HRU - Codere Montevideo Uruguay rita.rocca@codere.com +59899195982
			Laboratoire des Courses Hippique (LCH) Dr Ludovic Bailly Chouriberry Verrières-le-Buisson France lch@lchfrance.fr +33 169752828	Yes	
USA (California)	<i>California Horse Racing Board</i>	California Horse Racing Board 1010 Hurley Way, Suite 300 Sacramento California, CA 95825 USA jablea@ucdavis.edu 1-626-574 -6351	Maddy Analytical Chemistry Lab Dr Ben Moeller California United States of America bcmoeller@ucdavis.edu +1 530 752-8700	Yes	
Venezuela	<i>SUNAHIP (Superintendencia Nacional de Hipódromo)</i>	Superintendencia Nacional de Hipódromo Final Avenida Perimetral de Coche, La Rinconada Edificio sede del Hipódromo, Piso 5, Caracas Distrito Capital, 1050 Venezuela studbookr.b.venezuela@gmail.com +58 212 6813331	Laboratorio de Toxicología del INH Dra. Lupe Miranda Caracas Venezuela studbookr.b.venezuela@gmail.com +582126813331	No	Dr Jesús Urbina Instituto Nacional de Hipódromos Caracas Venezuela studbookr.b.venezuela@gmail.com +582126813331