

M32 Biological Science Testing; A2.2 Animal Urine; B2.1 Chromatography

Method	Analyte	Matrix	Technique employed	Sample Prep.	MRPL/LOD	Flexible scope
MU-3	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (GC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-4	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (HS-GC/MS)	N/A	In accordance with the requirements of relevant authorities	Flexible
MU-6	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (GC/MS and LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-7	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (GC/MS and LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-8	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (GC/MS and LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-9	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-10	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-11	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (LC/HRMS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-12	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (LC/HRMS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-13	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (LC/MS)	N/A	In accordance with the requirements of relevant authorities	Flexible

MU-14	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (GC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-16	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-17	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography	varies	In accordance with the requirements of relevant authorities	Flexible
MU-18	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography	varies	In accordance with the requirements of relevant authorities	Flexible
MU-19	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (LC/HRMS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MU-20	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	Chromatography (LC/HRMS)	SPE	In accordance with the requirements of relevant authorities	Flexible

M32 Biological Science Testing; A2.1 Animal Blood; B2.1 Chromatography

Method	Analyte	Matrix	Technique employed	Sample Prep.	MRPL/LOD	Flexible scope
MP-2	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography (LC/MS)	LLE	In accordance with the requirements of relevant authorities	Flexible
MP-3	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography (GC/MS and LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MP-4	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography (LC/HRMS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MP-5	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography (LC/MS)	Protein precipitation	In accordance with the requirements of relevant authorities	Flexible
MP-6	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography (LC/MS)	LLE	In accordance with the requirements of relevant authorities	Flexible
MP-8	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography (LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MP-11	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography (LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MP-12	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography	varies	In accordance with the requirements of relevant authorities	Flexible
MP-13	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography	varies	In accordance with the requirements of relevant authorities	Flexible
MP-14	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	Chromatography (LC/HRMS)	SPE	In accordance with the requirements of relevant authorities	Flexible

M32 Biological Science Testing; A2.8 Special (identification) materials - Hair; B2.1 Chromatography

Method	Analyte	Matrix	Technique employed	Sample Prep.	MRPL/LOD	Flexible scope
MH-1	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine hair	Chromatography (LC/HRMS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MH-2	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine hair	Chromatography (LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MH-3	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine hair	Chromatography	SPE	In accordance with the requirements of relevant authorities	Flexible
MH-4	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine hair	Chromatography (LC/HRMS)	SPE	In accordance with the requirements of relevant authorities	Flexible
MH-5	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine hair	Chromatography (LC/MS)	SPE	In accordance with the requirements of relevant authorities	Flexible

M32 Biological Science Testing; A2.2 Animal Urine; B2.9 Other physical and biochemical analysis

Method	Analyte	Matrix	Technique employed	Sample Prep.	MRPL/LOD	Flexible scope
MU-15	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine urine	ICP-MS	Dilution	In accordance with the requirements of relevant authorities	Flexible

M32 Biological Science Testing; A2.1 Animal Blood; B2.9 Other physical and biochemical analysis

Method	Analyte	Matrix	Technique employed	Sample Prep.	MRPL/LOD	Flexible scope
MP-7	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	ICP-MS	Dilution	In accordance with the requirements of relevant authorities	Flexible

M32 Biological Science Testing; A2.1 Animal Blood; B1.7 Enzyme-labelled antibody test

Method	Analyte	Matrix	Technique employed	Sample Prep.	MRPL/LOD	Flexible scope
MP-9	Controlled drugs and substances as defined by the horse racing and equine sports authorities.	Equine plasma	ELISA	N/A	In accordance with the requirements of relevant authorities	Flexible

M32 Biological Science Testing; A2.1 Animal Blood; B2.5 Electrochemistry analysis

Method	Analyte	Matrix	Technique employed	Sample Prep.	MRPL/LOD	Flexible scope
MP-10	Carbon dioxide	Equine plasma	Electrochemical analysis	N/A	In accordance with the requirements of relevant authorities	Fixed scope