

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

6-Acetylmorphine Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	10.0	Negative	13	1	8	Negative	13	1	8	Negative	13	2	15	Negative	13	1	8
		No Conf.	13	12	92	No Conf.	13	12	92	Positive	13	11	85	No Conf.	13	12	92
GC Mass Spectrometry	20.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	5.0	Negative	2	1	50	Negative	2	1	50	Positive	2	2	100	Negative	2	1	50
		No Conf.	2	1	50	No Conf.	2	1	50					No Conf.	2	1	50
LC MS/MS	10.0	Negative	23	7	30	Negative	23	7	30	Positive	23	23	100	Negative	23	6	26
		No Conf.	23	16	70	No Conf.	23	16	70					No Conf.	23	17	74
LC MS/MS	20.0	Negative	3	2	67	Negative	3	2	67	Positive	3	3	100	Negative	3	2	67
		No Conf.	3	1	33	No Conf.	3	1	33					No Conf.	3	1	33
LC MS/MS	25.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100
LC MS/MS	4.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100
LC MS/MS	5.0	Negative	4	1	25	Negative	4	1	25	Positive	4	4	100	Negative	4	1	25
		No Conf.	4	3	75	No Conf.	4	3	75					No Conf.	4	3	75
HPLC Mass Spectrometry	10.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100
Thermo Scientific (Microgenics) CEDIA	10.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
Thermo Scientific (Microgenics) DRI	10.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Negative	51	15	29	Negative	51	15	29	Negative	51	2	4	Negative	51	14	27
		No Conf.	51	36	71	No Conf.	51	36	71	Positive	51	49	96	No Conf.	51	37	73

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Alprazolam Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Negative	3	3	100
GC Mass Spectrometry	150.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
LC MS/MS	10.0	Negative	2	2	100	Negative	2	2	100	Negative	2	2	100	Negative	2	2	100
LC MS/MS	100.0	Negative	6	1	17	Negative	6	1	17	Negative	6	1	17	Negative	6	6	100
		No Conf.	6	5	83	No Conf.	6	5	83	No Conf.	6	5	83				
LC MS/MS	15.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
LC MS/MS	20.0	Negative	3	2	67	Negative	3	2	67	Negative	3	2	67	Negative	3	3	100
		No Conf.	3	1	33	No Conf.	3	1	33	No Conf.	3	1	33				
LC MS/MS	200.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	Negative	2	2	100
LC MS/MS	25.0	Negative	6	4	67	Negative	6	4	67	Negative	6	4	67	Negative	6	6	100
		No Conf.	6	2	33	No Conf.	6	2	33	No Conf.	6	2	33				
LC MS/MS	30.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Negative	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	300.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Negative	3	3	100
LC MS/MS	5.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	Negative	2	2	100
LC MS/MS	50.0	Negative	7	1	14	Negative	7	1	14	Negative	7	1	14	Negative	7	6	86
		No Conf.	7	6	86	No Conf.	7	6	86	No Conf.	7	6	86	No Conf.	7	1	14
HPLC Mass Spectrometry	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	300.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	5.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	50.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	42	12	29	Negative	42	12	29	Negative	42	12	29	Negative	42	41	98
		No Conf.	42	30	71	No Conf.	42	30	71	No Conf.	42	30	71	No Conf.	42	1	2

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Amitriptyline Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	250.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
GC NPD	100.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Fixed Wavelength	25.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
LC MS/MS	10.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	100.0	Negative	9	4	44	Negative	9	4	44	Negative	9	4	44	Negative	9	6	67
		No Conf.	9	5	56	No Conf.	9	5	56	No Conf.	9	5	56	No Conf.	9	3	33
LC MS/MS	20.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
LC MS/MS	25.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Negative	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	50.0	Negative	10	6	60	Negative	10	6	60	Negative	10	6	60	Negative	10	10	100
		No Conf.	10	4	40	No Conf.	10	4	40	No Conf.	10	4	40				
HPLC Mass Spectrometry	10.0	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	28	13	46	Negative	28	13	46	Negative	28	14	50	Negative	28	25	89
		No Conf.	28	15	54	No Conf.	28	15	54	No Conf.	28	14	50	No Conf.	28	3	11



Participant Performance Summary - Confirmation Test
Clinical Toxicology - September 2015 Test Event

Amobarbital Confirmation (ng/mL)		UTB 1				UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	Negative	12	1	8	Negative	12	12	100	Negative	12	1	8	Negative	12	1	8
		No Conf.	12	11	92												
GC Mass Spectrometry	150.0	Negative	2	1	50	Negative	2	2	100	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50												
GC Mass Spectrometry	200.0	Negative	14	1	7	Negative	14	14	100	Negative	14	1	7	Negative	14	1	7
		No Conf.	14	13	93												
GC Mass Spectrometry	300.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	50.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	60.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC NPD	500.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	300.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	40.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Negative	34	3	9	Negative	34	33	97	Negative	34	3	9	Negative	34	3	9
		No Conf.	34	31	91												
						Positive	34	1	3	No Conf.	34	31	91	No Conf.	34	31	91

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Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Amphetamine Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	1000.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
GC Mass Spectrometry	200.0	Positive	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100
GC Mass Spectrometry	250.0	Positive	12	12	100	No Conf.	12	12	100	No Conf.	12	12	100	No Conf.	12	12	100
GC Mass Spectrometry	50.0	Positive	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100
GC Mass Spectrometry	500.0	Positive	6	6	100	No Conf.	6	6	100	No Conf.	6	6	100	No Conf.	6	6	100
HPLC Diode Array	1000.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	10.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	100.0	Positive	12	12	100	Negative	12	7	58	Negative	12	7	58	Negative	12	7	58
						No Conf.	12	5	42	No Conf.	12	5	42	No Conf.	12	5	42
LC MS/MS	125.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	20.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	200.0	Positive	5	5	100	Negative	5	1	20	Negative	5	1	20	Negative	5	1	20
						No Conf.	5	4	80	No Conf.	5	4	80	No Conf.	5	4	80
LC MS/MS	250.0	Positive	4	4	100	Negative	4	1	25	Negative	4	1	25	Negative	4	1	25
						No Conf.	4	3	75	No Conf.	4	3	75	No Conf.	4	3	75
LC MS/MS	50.0	Positive	5	5	100	Negative	5	2	40	Negative	5	2	40	Negative	5	2	40
						No Conf.	5	3	60	No Conf.	5	3	60	No Conf.	5	3	60
LC MS/MS	500.0	Positive	3	3	100	Negative	3	1	33	Negative	3	1	33	Negative	3	1	33
						No Conf.	3	2	67	No Conf.	3	2	67	No Conf.	3	2	67
HPLC Mass Spectrometry	100.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	25.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Mass Spectrometry	500.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Positive	62	62	100	Negative	62	16	26	Negative	62	16	26	Negative	62	16	26
						No Conf.	62	46	74	No Conf.	62	46	74	No Conf.	62	46	74



*Participant Performance Summary - Confirmation Test
Clinical Toxicology - September 2015 Test Event*

Barbiturates (Class Only) Confirmation			UTB 1			UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
LC MS/MS	100.0	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	(All Labs)	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100
						Positive	282	1	0					Positive	282	281	100

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Butalbital Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Flame Ionization	200.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	100.0	Negative	13	1	8	Negative	13	12	92	Negative	13	1	8	Negative	13	1	8
		No Conf.	13	12	92	No Conf.	13	1	8	No Conf.	13	12	92	No Conf.	13	12	92
GC Mass Spectrometry	120.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	150.0	Negative	2	1	50	Negative	2	2	100	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50
GC Mass Spectrometry	20.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
GC Mass Spectrometry	200.0	Negative	13	1	8	Negative	13	13	100	Negative	13	1	8	Negative	13	1	8
		No Conf.	13	12	92	No Conf.	13	12	92	No Conf.	13	12	92	No Conf.	13	12	92
GC Mass Spectrometry	300.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	50.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	60.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC NPD	500.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	100.0	Negative	6	3	50	Negative	6	6	100	Negative	6	3	50	Negative	6	3	50
		No Conf.	6	3	50	No Conf.	6	3	50	No Conf.	6	3	50	No Conf.	6	3	50
LC MS/MS	20.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	200.0	Negative	4	3	75	Negative	4	4	100	Negative	4	3	75	Negative	4	3	75
		No Conf.	4	1	25	No Conf.	4	1	25	No Conf.	4	1	25	No Conf.	4	1	25
LC MS/MS	25.0	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	300.0	No Conf.	2	2	100	Negative	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	50.0	Negative	2	1	50	Negative	2	2	100	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50
HPLC Mass Spectrometry	500.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Negative	52	11	21	Negative	52	50	96	Negative	52	11	21	Negative	52	11	21
		No Conf.	52	41	79	Positive	52	1	2	No Conf.	52	41	79	No Conf.	52	41	79
						No Conf.	52	1	2								

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Benzoylcegonine Confirmation			UTB 1			UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	Positive	9	9	100	Negative	9	1	11	Negative	9	1	11	Negative	9	1	11
						No Conf.	9	8	89	No Conf.	9	8	89	No Conf.	9	8	89
GC Mass Spectrometry	150.0	Positive	8	8	100	No Conf.	8	8	100	No Conf.	8	8	100	No Conf.	8	8	100
GC Mass Spectrometry	25.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	50.0	Positive	6	6	100	No Conf.	6	6	100	No Conf.	6	6	100	No Conf.	6	6	100
GC Mass Spectrometry	75.0	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
GC NPD	600.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
Immunalysis ELISA	50.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	100.0	Positive	12	12	100	Negative	12	1	8	Negative	12	1	8	Negative	12	1	8
						No Conf.	12	11	92	No Conf.	12	11	92	No Conf.	12	11	92
LC MS/MS	150.0	Positive	5	5	100	Negative	5	1	20	Negative	5	1	20	Negative	5	1	20
						No Conf.	5	4	80	No Conf.	5	4	80	No Conf.	5	4	80
LC MS/MS	20.0	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	25.0	Positive	2	2	100	Negative	2	2	100	Negative	2	2	100	Negative	2	2	100
LC MS/MS	30.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	35.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	5.0	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	50.0	Positive	8	8	100	Negative	8	7	88	Negative	8	7	88	Negative	8	7	88
						No Conf.	8	1	13	No Conf.	8	1	13	No Conf.	8	1	13
HPLC Mass Spectrometry	100.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	5.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
Laser Diode Thermal Desorp MS/MS	30.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Positive	64	64	100	Negative	64	15	23	Negative	64	15	23	Negative	64	15	23
						No Conf.	64	49	77	No Conf.	64	49	77	No Conf.	64	49	77

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Codeine Confirmation		UTB 1				UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	150.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	200.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	300.0	Negative	13	1	8	Negative	13	1	8	Positive	13	13	100	Negative	13	1	8
		No Conf.	13	12	92	No Conf.	13	12	92					No Conf.	13	12	92
GC Mass Spectrometry	75.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC NPD	500.0	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100
LC MS/MS	100.0	Negative	12	2	17	Negative	12	2	17	Positive	12	12	100	Negative	12	2	17
		No Conf.	12	10	83	No Conf.	12	10	83					No Conf.	12	10	83
LC MS/MS	20.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
LC MS/MS	2000.0	No Conf.	2	2	100	No Conf.	2	2	100	Negative	2	2	100	No Conf.	2	2	100
LC MS/MS	25.0	Negative	3	1	33	Negative	3	1	33	Positive	3	3	100	Negative	3	1	33
		No Conf.	3	2	67	No Conf.	3	2	67					No Conf.	3	2	67
LC MS/MS	250.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
LC MS/MS	30.0	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100
LC MS/MS	300.0	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100
LC MS/MS	50.0	Negative	20	10	50	Negative	20	10	50	Positive	20	20	100	Negative	20	10	50
		No Conf.	20	10	50	No Conf.	20	10	50					No Conf.	20	10	50
HPLC Mass Spectrometry	50.0	Negative	2	1	50	Negative	2	2	100	Positive	2	2	100	Negative	2	1	50
		No Conf.	2	1	50									No Conf.	2	1	50
(All Labs)	(All Labs)	Negative	63	15	24	Negative	63	16	25	Negative	63	3	5	Negative	63	15	24
		No Conf.	63	48	76	No Conf.	63	47	75	Positive	63	60	95	No Conf.	63	48	76

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Doxepin Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	250.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
GC NPD	100.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
HPLC Fixed Wavelength	25.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
LC MS/MS	10.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	100.0	Negative	5	3	60	Negative	5	3	60	Negative	5	3	60	Positive	5	4	80
		No Conf.	5	2	40	No Conf.	5	2	40	No Conf.	5	2	40	No Conf.	5	1	20
LC MS/MS	20.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
LC MS/MS	25.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Positive	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	30.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	50.0	Negative	6	3	50	Negative	6	3	50	Negative	6	3	50	Positive	6	6	100
		No Conf.	6	3	50	No Conf.	6	3	50	No Conf.	6	3	50				
(All Labs)	(All Labs)	Negative	20	10	50	Negative	20	10	50	Negative	20	10	50	Positive	20	19	95
		No Conf.	20	10	50	No Conf.	20	10	50	No Conf.	20	10	50	No Conf.	20	1	5

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

EDDP Confirmation		UTB 1				UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
GC Mass Spectrometry	150.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	200.0	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
GC Mass Spectrometry	250.0	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100
GC Mass Spectrometry	300.0	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	10.0	Negative	3	1	33	Positive	3	3	100	Negative	3	1	33	Negative	3	1	33
		No Conf.	3	2	67					No Conf.	3	2	67	No Conf.	3	2	67
LC MS/MS	100.0	Negative	14	6	43	Positive	14	14	100	Negative	14	6	43	Negative	14	6	43
		No Conf.	14	8	57					No Conf.	14	8	57	No Conf.	14	8	57
LC MS/MS	200.0	No Conf.	3	3	100	Positive	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100
LC MS/MS	25.0	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	300.0	No Conf.	5	5	100	Positive	5	5	100	No Conf.	5	5	100	No Conf.	5	5	100
LC MS/MS	5.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	50.0	Negative	10	5	50	Positive	10	10	100	Negative	10	5	50	Negative	10	5	50
		No Conf.	10	5	50					No Conf.	10	5	50	No Conf.	10	5	50
LC MS/MS	75.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Mass Spectrometry	100.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Mass Spectrometry	50.0	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100
Laser Diode Thermal Desorp MS/MS	30.0	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	50	15	30	Positive	50	50	100	Negative	50	15	30	Negative	50	15	30
		No Conf.	50	35	70					No Conf.	50	35	70	No Conf.	50	35	70



*Participant Performance Summary - Confirmation Test
Clinical Toxicology - September 2015 Test Event*

Ethyl glucuronide		UTB 1				UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
LC MS/MS	100.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	250.0	Negative	7	1	14	Negative	7	1	14	Negative	7	1	14	Negative	7	1	14
		No Conf.	7	6	86	No Conf.	7	6	86	No Conf.	7	6	86	No Conf.	7	6	86
LC MS/MS	40.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	500.0	Negative	25	10	40	Negative	25	10	40	Negative	25	10	40	Negative	25	10	40
		No Conf.	25	15	60	No Conf.	25	15	60	No Conf.	25	15	60	No Conf.	25	15	60
HPLC Mass Spectrometry	500.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	Positive	1	1	100
Thermo Scientific (Microgenics) DRI	500.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Negative	36	11	31	Negative	36	11	31	Negative	36	11	31	Negative	36	11	31
		No Conf.	36	25	69	Positive	36	1	3	No Conf.	36	25	69	Positive	36	1	3
						No Conf.	36	24	67					No Conf.	36	24	67



Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Ethanol Confirmation		UTB 1				UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
Beckman Coulter	10.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	Positive	1	1	100
GC Flame Ionization	10.0	No Conf.	12	12	100	Positive	12	12	100	No Conf.	12	12	100	Positive	12	12	100
GC Flame Ionization	20.0	Negative	16	1	6	Positive	16	16	100	Negative	16	2	13	Positive	16	16	100
		No Conf.	16	15	94					No Conf.	16	14	88				
GC Flame Ionization	40.0	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100	Positive	2	2	100
GC Flame Ionization	5.0	Negative	2	1	50	Positive	2	2	100	Negative	2	1	50	Positive	2	2	100
		No Conf.	2	1	50					No Conf.	2	1	50				
(All Labs)	(All Labs)	Negative	34	2	6	Positive	34	33	97	Negative	34	3	9	Positive	34	34	100
		No Conf.	34	32	94	No Conf.	34	1	3	No Conf.	34	31	91				

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Fentanyl Confirmation			UTB 1				UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	
GC Mass Spectrometry	100.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	
GC Mass Spectrometry	2.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	
LC MS/MS	0.2	Negative	3	2	67	Negative	3	2	67	Positive	3	3	100	Negative	3	2	67	
		No Conf.	3	1	33	No Conf.	3	1	33					No Conf.	3	1	33	
LC MS/MS	0.4	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	
LC MS/MS	0.5	Negative	9	2	22	Negative	9	2	22	Positive	9	9	100	Negative	9	2	22	
		No Conf.	9	7	78	No Conf.	9	7	78					No Conf.	9	7	78	
LC MS/MS	1.0	Negative	9	2	22	Negative	9	2	22	Positive	9	9	100	Negative	9	2	22	
		No Conf.	9	7	78	No Conf.	9	7	78					No Conf.	9	7	78	
LC MS/MS	100.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	
LC MS/MS	2.0	Negative	8	4	50	Negative	8	4	50	Negative	8	1	13	Negative	8	4	50	
		No Conf.	8	4	50	No Conf.	8	4	50	Positive	8	7	88	No Conf.	8	4	50	
LC MS/MS	2.5	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100	No Conf.	1	1	100	
LC MS/MS	3.0	Negative	3	2	67	Negative	3	2	67	Positive	3	3	100	Negative	3	2	67	
		No Conf.	3	1	33	No Conf.	3	1	33					No Conf.	3	1	33	
LC MS/MS	5.0	Negative	4	1	25	Negative	4	1	25	Negative	4	1	25	Negative	4	1	25	
		No Conf.	4	3	75	No Conf.	4	3	75	Positive	4	3	75	No Conf.	4	3	75	
HPLC Mass Spectrometry	0.5	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	
HPLC Mass Spectrometry	2.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	
Laser Diode Thermal Desorp MS/MS	1.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	
(All Labs)	(All Labs)	Negative	44	16	36	Negative	44	16	36	Negative	44	4	9	Negative	44	16	36	
		No Conf.	44	28	64	No Conf.	44	28	64	Positive	44	40	91	No Conf.	44	28	64	



*Participant Performance Summary - Confirmation Test
Clinical Toxicology - September 2015 Test Event*

Free Morphine Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	1000.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100
LC MS/MS	20.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
LC MS/MS	25.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
LC MS/MS	30.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Negative	4	1	25	Negative	4	1	25	Positive	4	4	100	Negative	4	1	25
		No Conf.	4	3	75	No Conf.	4	3	75					No Conf.	4	3	75

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

MDMA Confirmation			UTB 1			UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	200.0	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
GC Mass Spectrometry	250.0	Positive	12	12	100	No Conf.	12	12	100	No Conf.	12	12	100	No Conf.	12	12	100
GC Mass Spectrometry	50.0	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
GC Mass Spectrometry	500.0	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	100.0	Positive	14	13	93	Negative	14	7	50	Negative	14	7	50	Negative	14	7	50
		No Conf.	14	1	7	No Conf.	14	7	50	No Conf.	14	7	50	No Conf.	14	7	50
	200.0	Positive	4	4	100	Negative	4	1	25	Negative	4	1	25	Negative	4	1	25
						No Conf.	4	3	75	No Conf.	4	3	75	No Conf.	4	3	75
LC MS/MS	25.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	250.0	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	30.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	300.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	5.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	50.0	Positive	6	6	100	Negative	6	3	50	Negative	6	3	50	Negative	6	3	50
						No Conf.	6	3	50	No Conf.	6	3	50	No Conf.	6	3	50
	500.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	75.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Mass Spectrometry	10.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Mass Spectrometry	100.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Positive	53	52	98	Negative	53	13	25	Negative	53	13	25	Negative	53	13	25
		No Conf.	53	1	2	No Conf.	53	40	75	No Conf.	53	40	75	No Conf.	53	40	75

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Methamphetamine Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	1000.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
GC Mass Spectrometry	200.0	Positive	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100
GC Mass Spectrometry	250.0	Positive	10	10	100	Negative	10	1	10	Negative	10	1	10	Negative	10	1	10
						No Conf.	10	9	90	No Conf.	10	9	90	No Conf.	10	9	90
GC Mass Spectrometry	50.0	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
GC Mass Spectrometry	500.0	Positive	6	6	100	No Conf.	6	6	100	No Conf.	6	6	100	No Conf.	6	6	100
GC Mass Spectrometry	75.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Diode Array	1000.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	10.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	100.0	Positive	12	12	100	Negative	12	7	58	Negative	12	7	58	Negative	12	7	58
						No Conf.	12	5	42	No Conf.	12	5	42	No Conf.	12	5	42
LC MS/MS	125.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	200.0	Positive	5	5	100	Negative	5	1	20	Negative	5	1	20	Negative	5	1	20
						No Conf.	5	4	80	No Conf.	5	4	80	No Conf.	5	4	80
LC MS/MS	250.0	Positive	4	4	100	Negative	4	1	25	Negative	4	1	25	Negative	4	1	25
						No Conf.	4	3	75	No Conf.	4	3	75	No Conf.	4	3	75
LC MS/MS	50.0	Positive	6	6	100	Negative	6	2	33	Negative	6	2	33	Negative	6	2	33
						No Conf.	6	4	67	No Conf.	6	4	67	No Conf.	6	4	67
LC MS/MS	500.0	Positive	3	3	100	Negative	3	1	33	Negative	3	1	33	Negative	3	1	33
						No Conf.	3	2	67	No Conf.	3	2	67	No Conf.	3	2	67
HPLC Mass Spectrometry	100.0	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	50.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	500.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
Siemens Syva Emit	250.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
Thermo Scientific (Microgenics) DRI	250.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	(All Labs)	Positive	24	24	100	Negative	24	2	8	Negative	24	2	8	Negative	24	2	8
						No Conf.	24	22	92	No Conf.	24	22	92	No Conf.	24	22	92
(All Labs)	(All Labs)	Positive	62	62	100	Negative	62	17	27	Negative	62	17	27	Negative	62	18	29
						No Conf.	62	45	73	No Conf.	62	45	73	No Conf.	62	44	71



Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Morphine Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	150.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	200.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	300.0	No Conf.	12	12	100	No Conf.	12	12	100	Positive	12	12	100	No Conf.	12	12	100
GC Mass Spectrometry	75.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC NPd	400.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
Immunalysis HEIA	50.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
LC MS/MS	100.0	Negative	12	2	17	Negative	12	2	17	Positive	12	12	100	Negative	12	2	17
		No Conf.	12	10	83	No Conf.	12	10	83					No Conf.	12	10	83
LC MS/MS	2000.0	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100
LC MS/MS	25.0	Negative	3	1	33	Negative	3	1	33	Positive	3	3	100	Negative	3	1	33
		No Conf.	3	2	67	No Conf.	3	2	67					No Conf.	3	2	67
LC MS/MS	250.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
LC MS/MS	30.0	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100
LC MS/MS	300.0	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100
LC MS/MS	50.0	Negative	20	10	50	Negative	20	10	50	Positive	20	20	100	Negative	20	10	50
		No Conf.	20	10	50	No Conf.	20	10	50					No Conf.	20	10	50
HPLC Mass Spectrometry	50.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	61	14	23	Negative	61	14	23	Positive	61	61	100	Negative	61	14	23
		No Conf.	61	47	77	No Conf.	61	47	77					No Conf.	61	47	77

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Methadone Confirmation		UTB 1				UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	Negative	3	1	33	Positive	3	3	100	Negative	3	1	33	Negative	3	1	33
		No Conf.	3	2	67												
GC Mass Spectrometry	150.0	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
GC Mass Spectrometry	200.0	No Conf.	4	4	100	Positive	4	4	100	No Conf.	4	4	100	No Conf.	4	4	100
GC Mass Spectrometry	300.0	No Conf.	7	7	100	Positive	7	7	100	No Conf.	7	7	100	No Conf.	7	7	100
GC Mass Spectrometry	50.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	75.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC NPD	400.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	10.0	Negative	2	1	50	Positive	2	2	100	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50												
LC MS/MS	100.0	Negative	15	6	40	Positive	15	15	100	Negative	15	6	40	Negative	15	6	40
		No Conf.	15	9	60												
LC MS/MS	200.0	No Conf.	3	3	100	Positive	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100
LC MS/MS	25.0	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	3.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	300.0	No Conf.	5	5	100	Positive	5	5	100	No Conf.	5	5	100	No Conf.	5	5	100
LC MS/MS	50.0	Negative	11	5	45	Positive	11	11	100	Negative	11	5	45	Negative	11	5	45
		No Conf.	11	6	55												
LC MS/MS	75.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Mass Spectrometry	20.0	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100
Laser Diode Thermal Desorp MS/MS	30.0	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	61	15	25	Positive	61	61	100	Negative	61	15	25	Negative	61	15	25
		No Conf.	61	46	75												

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Nordiazepam Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	No Conf.	4	4	100	No Conf.	4	4	100	No Conf.	4	4	100	Negative	4	4	100
GC Mass Spectrometry	150.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
GC Mass Spectrometry	200.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Negative	3	3	100
GC Mass Spectrometry	300.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
LC MS/MS	10.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Negative	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	100.0	Negative	11	1	9	Negative	11	1	9	Negative	11	1	9	Negative	11	11	100
		No Conf.	11	10	91	No Conf.	11	10	91	No Conf.	11	10	91				
LC MS/MS	20.0	Negative	5	1	20	Negative	5	1	20	Negative	5	1	20	Negative	5	5	100
		No Conf.	5	4	80	No Conf.	5	4	80	No Conf.	5	4	80				
LC MS/MS	200.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Negative	3	3	100
LC MS/MS	25.0	Negative	4	2	50	Negative	4	2	50	Negative	4	2	50	Negative	4	4	100
		No Conf.	4	2	50	No Conf.	4	2	50	No Conf.	4	2	50				
LC MS/MS	30.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Negative	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	300.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Negative	3	3	100
LC MS/MS	40.0	Negative	3	2	67	Negative	3	2	67	Negative	3	2	67	Negative	3	3	100
		No Conf.	3	1	33	No Conf.	3	1	33	No Conf.	3	1	33				
LC MS/MS	50.0	Negative	11	5	45	Negative	11	5	45	Negative	11	5	45	Negative	11	10	91
		No Conf.	11	6	55	No Conf.	11	6	55	No Conf.	11	6	55	No Conf.	11	1	9
HPLC Mass Spectrometry	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	300.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	5.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	50.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	57	14	25	Negative	57	14	25	Negative	57	14	25	Negative	57	56	98
		No Conf.	57	43	75	No Conf.	57	43	75	No Conf.	57	43	75	No Conf.	57	1	2



Participant Performance Summary - Confirmation Test
Clinical Toxicology - September 2015 Test Event

Nordoxepin Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	250.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
GC NPD	100.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
HPLC Fixed Wavelength	25.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
LC MS/MS	10.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	100.0	Negative	3	2	67	Negative	3	2	67	Negative	3	2	67	Positive	3	2	67
		No Conf.	3	1	33	No Conf.	3	1	33	No Conf.	3	1	33	No Conf.	3	1	33
LC MS/MS	20.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	25.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Positive	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	50.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
(All Labs)	(All Labs)	Negative	11	5	45	Negative	11	5	45	Negative	11	5	45	Positive	11	10	91
		No Conf.	11	6	55	No Conf.	11	6	55	No Conf.	11	6	55	No Conf.	11	1	9



*Participant Performance Summary - Confirmation Test
Clinical Toxicology - September 2015 Test Event*

Norpropoxyphene Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GCMM - GC MS/MS	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	100.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100
GC Mass Spectrometry	120.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	150.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	200.0	No Conf.	5	5	100	No Conf.	5	5	100	No Conf.	5	5	100	No Conf.	5	5	100
GC Mass Spectrometry	300.0	No Conf.	7	7	100	No Conf.	7	7	100	No Conf.	7	7	100	No Conf.	7	7	100
LC MS/MS	10.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50
LC MS/MS	100.0	Negative	5	1	20	Negative	5	1	20	Negative	5	1	20	Negative	5	1	20
		No Conf.	5	4	80	No Conf.	5	4	80	No Conf.	5	4	80	No Conf.	5	4	80
LC MS/MS	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	300.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	50.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Negative	29	2	7	Negative	29	2	7	Negative	29	2	7	Negative	29	2	7
		No Conf.	29	27	93	No Conf.	29	27	93	No Conf.	29	27	93	No Conf.	29	27	93

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Nortriptyline Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	250.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
GC NPD	100.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
HPLC Fixed Wavelength	25.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
LC MS/MS	10.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	100.0	Negative	9	4	44	Negative	9	4	44	Negative	9	4	44	Negative	9	6	67
		No Conf.	9	5	56	No Conf.	9	5	56	No Conf.	9	5	56	No Conf.	9	3	33
LC MS/MS	20.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
LC MS/MS	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100
LC MS/MS	25.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Negative	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	50.0	Negative	11	7	64	Negative	11	7	64	Negative	11	7	64	Negative	11	11	100
		No Conf.	11	4	36	No Conf.	11	4	36	No Conf.	11	4	36				
HPLC Mass Spectrometry	10.0	No Conf.	1	1	100	No Conf.	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	29	14	48	Negative	29	14	48	Negative	29	15	52	Negative	29	26	90
		No Conf.	29	15	52	No Conf.	29	15	52	No Conf.	29	14	48	No Conf.	29	3	10



Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Oxazepam Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	No Conf.	4	4	100	No Conf.	4	4	100	No Conf.	4	4	100	Positive	4	4	100
GC Mass Spectrometry	150.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
GC Mass Spectrometry	200.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100
GC Mass Spectrometry	300.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100
LC MS/MS	10.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	100.0	Negative	11	1	9	Negative	11	1	9	Negative	11	1	9	Positive	11	11	100
		No Conf.	11	10	91	No Conf.	11	10	91	No Conf.	11	10	91				
LC MS/MS	20.0	Negative	5	1	20	Negative	5	1	20	Negative	5	1	20	Positive	5	5	100
		No Conf.	5	4	80	No Conf.	5	4	80	No Conf.	5	4	80				
LC MS/MS	200.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Positive	3	3	100
LC MS/MS	25.0	Negative	3	1	33	Negative	3	1	33	Negative	3	1	33	Positive	3	3	100
		No Conf.	3	2	67	No Conf.	3	2	67	No Conf.	3	2	67				
LC MS/MS	30.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Positive	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	300.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Positive	3	3	100
LC MS/MS	40.0	Negative	3	2	67	Negative	3	2	67	Negative	3	2	67	Positive	3	3	100
		No Conf.	3	1	33	No Conf.	3	1	33	No Conf.	3	1	33				
LC MS/MS	5.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
LC MS/MS	50.0	Negative	12	6	50	Negative	12	6	50	Negative	12	6	50	Positive	12	11	92
		No Conf.	12	6	50	No Conf.	12	6	50	No Conf.	12	6	50	No Conf.	12	1	8
HPLC Mass Spectrometry	10.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
HPLC Mass Spectrometry	200.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100
HPLC Mass Spectrometry	300.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
HPLC Mass Spectrometry	50.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
(All Labs)	(All Labs)	Negative	58	14	24	Negative	58	14	24	Negative	58	14	24	Positive	58	57	98
		No Conf.	58	44	76	No Conf.	58	44	76	No Conf.	58	44	76	No Conf.	58	1	2

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Oxycodone Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	No Conf.	5	5	100	No Conf.	5	5	100	Positive	5	5	100	No Conf.	5	5	100
GC Mass Spectrometry	3.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	300.0	Negative	7	1	14	Negative	7	1	14	Positive	7	7	100	Negative	7	1	14
		No Conf.	7	6	86	No Conf.	7	6	86					No Conf.	7	6	86
GC Mass Spectrometry	40.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
Immunalysis HEIA	100.0	No Conf.	1	1	100	Negative	1	1	100	Positive	1	1	100	No Conf.	1	1	100
LC MS/MS	100.0	Negative	12	1	8	Negative	12	1	8	Positive	12	12	100	Negative	12	1	8
		No Conf.	12	11	92	No Conf.	12	11	92					No Conf.	12	11	92
LC MS/MS	20.0	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100
LC MS/MS	25.0	Negative	3	1	33	Negative	3	1	33	Positive	3	3	100	Negative	3	1	33
		No Conf.	3	2	67	No Conf.	3	2	67					No Conf.	3	2	67
LC MS/MS	250.0	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100
LC MS/MS	30.0	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100
LC MS/MS	300.0	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100
LC MS/MS	50.0	Negative	20	10	50	Negative	20	10	50	Positive	20	20	100	Negative	20	10	50
		No Conf.	20	10	50	No Conf.	20	10	50					No Conf.	20	10	50
LC MS/MS	60.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100
HPLC Mass Spectrometry	50.0	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	59	15	25	Negative	59	16	27	Positive	59	58	98	Negative	59	15	25
		No Conf.	59	44	75	No Conf.	59	43	73					No Conf.	59	44	75



Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Pentobarbital Confirmation		UTB 1				UTB 2				UTB 3				UTB 4			
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	Negative	12	1	8	Positive	12	12	100	Negative	12	1	8	Negative	12	1	8
		No Conf.	12	11	92												
GC Mass Spectrometry	150.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50												
GC Mass Spectrometry	200.0	Negative	14	1	7	Positive	14	14	100	Negative	14	1	7	Negative	14	1	7
		No Conf.	14	13	93												
GC Mass Spectrometry	300.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	50.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	60.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC NPD	500.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	100.0	Negative	2	1	50	Positive	2	2	100	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50												
LC MS/MS	200.0	Negative	2	2	100	Negative	2	1	50	Negative	2	2	100	Negative	2	2	100
LC MS/MS	300.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	40.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	50.0	Negative	2	1	50	Positive	2	2	100	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50												
(All Labs)	(All Labs)	Negative	40	7	18	Negative	40	2	5	Negative	40	7	18	Negative	40	7	18
		No Conf.	40	33	83												
		No Conf.	40	33	83	Positive	40	38	95	No Conf.	40	33	83	No Conf.	40	33	83

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Phencyclidine Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GCMM - GC MS/MS	5.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
GC Mass Spectrometry	10.0	No Conf.	5	5	100	No Conf.	5	5	100	No Conf.	5	5	100	Positive	5	5	100
GC Mass Spectrometry	15.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
GC Mass Spectrometry	20.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
GC Mass Spectrometry	25.0	Negative	20	1	5	Negative	20	1	5	Negative	20	1	5	Positive	20	20	100
		No Conf.	20	19	95	No Conf.	20	19	95	No Conf.	20	19	95				
GC Mass Spectrometry	3.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
GC Mass Spectrometry	400.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	10.0	Negative	7	4	57	Negative	7	4	57	Negative	7	4	57	Positive	7	7	100
		No Conf.	7	3	43	No Conf.	7	3	43	No Conf.	7	3	43				
LC MS/MS	20.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	25.0	Negative	12	5	42	Negative	12	5	42	Negative	12	5	42	Positive	12	12	100
		No Conf.	12	7	58	No Conf.	12	7	58	No Conf.	12	7	58				
LC MS/MS	5.0	Negative	6	1	17	Negative	6	1	17	Negative	6	1	17	Positive	6	6	100
		No Conf.	6	5	83	No Conf.	6	5	83	No Conf.	6	5	83				
HPLC Mass Spectrometry	25.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Positive	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
HPLC Mass Spectrometry	5.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
(All Labs)	(All Labs)	Negative	59	15	25	Negative	59	15	25	Negative	59	15	25	Positive	59	59	100
		No Conf.	59	44	75	No Conf.	59	44	75	No Conf.	59	44	75				



*Participant Performance Summary - Confirmation Test
Clinical Toxicology - September 2015 Test Event*

Propoxyphene Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GCM - GC MS/MS	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	100.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	120.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	150.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
GC Mass Spectrometry	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	10.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50
LC MS/MS	100.0	Negative	5	3	60	Negative	5	3	60	Negative	5	3	60	Negative	5	3	60
		No Conf.	5	2	40	No Conf.	5	2	40	No Conf.	5	2	40	No Conf.	5	2	40
LC MS/MS	200.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	25.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	3.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	300.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	75.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Mass Spectrometry	10.0	No Conf.	1	1	100	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100
(All Labs)	(All Labs)	Negative	22	4	18	Negative	22	5	23	Negative	22	5	23	Negative	22	5	23
		No Conf.	22	18	82	No Conf.	22	17	77	No Conf.	22	17	77	No Conf.	22	17	77

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Secobarbital Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	Negative	12	1	8	Positive	12	12	100	Negative	12	1	8	Negative	12	1	8
		No Conf.	12	11	92												
GC Mass Spectrometry	120.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	150.0	Negative	2	1	50	Positive	2	2	100	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50												
GC Mass Spectrometry	200.0	Negative	14	1	7	Negative	14	1	7	Negative	14	1	7	Negative	14	1	7
		No Conf.	14	13	93												
GC Mass Spectrometry	300.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	50.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	60.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC NPD	500.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	100.0	Negative	6	3	50	Positive	6	6	100	Negative	6	3	50	Negative	6	3	50
		No Conf.	6	3	50												
LC MS/MS	200.0	Negative	4	3	75	Positive	4	4	100	Negative	4	3	75	Negative	4	3	75
		No Conf.	4	1	25												
LC MS/MS	25.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	300.0	No Conf.	2	2	100	Positive	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100
LC MS/MS	50.0	Negative	2	1	50	Positive	2	2	100	Negative	2	1	50	Negative	2	1	50
		No Conf.	2	1	50												
LC MS/MS	60.0	No Conf.	1	1	100	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Negative	49	10	20	Negative	49	1	2	Negative	49	10	20	Negative	49	10	20
		No Conf.	49	39	80												

Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

Temazepam Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	100.0	No Conf.	4	4	100	No Conf.	4	4	100	No Conf.	4	4	100	Positive	4	4	100
GC Mass Spectrometry	150.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
GC Mass Spectrometry	200.0	No Conf.	2	2	100	No Conf.	2	2	100	No Conf.	2	2	100	Positive	2	2	100
GC Mass Spectrometry	300.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
LC MS/MS	10.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
LC MS/MS	100.0	Negative	11	1	9	Negative	11	1	9	Negative	11	1	9	Positive	11	11	100
		No Conf.	11	10	91	No Conf.	11	10	91	No Conf.	11	10	91				
LC MS/MS	20.0	Negative	5	1	20	Negative	5	1	20	Negative	5	1	20	Positive	5	5	100
		No Conf.	5	4	80	No Conf.	5	4	80	No Conf.	5	4	80				
LC MS/MS	200.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Positive	3	3	100
LC MS/MS	25.0	Negative	4	2	50	Negative	4	2	50	Negative	4	2	50	Positive	4	4	100
		No Conf.	4	2	50	No Conf.	4	2	50	No Conf.	4	2	50				
LC MS/MS	30.0	Negative	2	1	50	Negative	2	1	50	Negative	2	1	50	Positive	2	2	100
		No Conf.	2	1	50	No Conf.	2	1	50	No Conf.	2	1	50				
LC MS/MS	300.0	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	Positive	3	3	100
LC MS/MS	40.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
LC MS/MS	5.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
LC MS/MS	50.0	Negative	13	7	54	Negative	13	7	54	Negative	13	7	54	Positive	13	12	92
		No Conf.	13	6	46	No Conf.	13	6	46	No Conf.	13	6	46	No Conf.	13	1	8
HPLC Mass Spectrometry	10.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
HPLC Mass Spectrometry	200.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
HPLC Mass Spectrometry	300.0	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	Positive	1	1	100
HPLC Mass Spectrometry	50.0	Negative	1	1	100	Negative	1	1	100	Negative	1	1	100	Positive	1	1	100
(All Labs)	(All Labs)	Negative	56	14	25	Negative	56	14	25	Negative	56	14	25	Positive	56	55	98
		No Conf.	56	42	75	No Conf.	56	42	75	No Conf.	56	42	75	No Conf.	56	1	2



Analytical Toxicology Proficiency Testing Program

Participant Performance Summary - Confirmation Test Clinical Toxicology - September 2015 Test Event

THCA Confirmation			UTB 1			UTB 2			UTB 3			UTB 4					
Method Code	Cutoff	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%	Response	No. labs	No. Resp.	%
GC Mass Spectrometry	10.0	Positive	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100	No Conf.	3	3	100
GC Mass Spectrometry	15.0	Positive	16	16	100	Negative	16	2	13	Negative	16	2	13	Negative	16	2	13
GC Mass Spectrometry	3.0	Positive	3	3	100	No Conf.	16	14	88	No Conf.	16	14	88	No Conf.	16	14	88
						Negative	3	1	33	Negative	3	1	33	Negative	3	1	33
GC Mass Spectrometry	4.0	Positive	1	1	100	No Conf.	3	2	67	No Conf.	3	2	67	No Conf.	3	2	67
						Negative	3	1	33	Negative	3	1	33	Negative	3	1	33
GC Mass Spectrometry	5.0	Positive	9	9	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
GC Mass Spectrometry	7.5	Positive	1	1	100	Negative	9	1	11	Negative	9	1	11	Negative	9	1	11
GC Mass Spectrometry	10.0	Positive	8	8	100	No Conf.	9	8	89	No Conf.	9	8	89	No Conf.	9	8	89
						Negative	9	1	11	Negative	9	1	11	Negative	9	1	11
LC MS/MS	15.0	Positive	9	9	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	20.0	Positive	2	2	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
						Negative	8	5	63	Negative	8	5	63	Negative	8	5	63
LC MS/MS	2.5	Positive	1	1	100	No Conf.	8	3	38	No Conf.	8	3	38	No Conf.	8	3	38
						Negative	9	2	22	Negative	9	2	22	Negative	9	2	22
LC MS/MS	5.0	Positive	9	8	89	No Conf.	9	7	78	No Conf.	9	7	78	No Conf.	9	7	78
LC MS/MS	20.0	Positive	2	2	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
LC MS/MS	50.0	Positive	1	1	100	Negative	4	1	25	Negative	4	1	25	Negative	4	1	25
LC MS/MS	50.0	Positive	1	1	100	No Conf.	4	3	75	No Conf.	4	3	75	No Conf.	4	3	75
						Negative	4	1	25	Negative	4	1	25	Negative	4	1	25
HPLC Mass Spectrometry	25.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
HPLC Mass Spectrometry	50.0	Positive	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100	No Conf.	1	1	100
(All Labs)	(All Labs)	Negative	60	1	2	Negative	60	13	22	Negative	60	13	22	Negative	60	13	22
		Positive	60	59	98	No Conf.	60	47	78	No Conf.	60	47	78	No Conf.	60	47	78