

**Worklist: 6246**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-0072	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-0093	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-0332	5	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0044	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0055	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0063	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0077	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0101	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0129	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0138	1	CBUK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0154	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0155	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0162	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0173	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0174	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0177	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0215	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0226	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0230	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0231	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0243	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

## AM# 28: Multi-Drug Quantitation by LC-MS/MS

Extraction Date: 02/06/2023

Plate lot#: 230117

Mobile phase A: 5mM Amm Form + 0.01% FA

Blank Blood Lot: Lampire 23A52593

Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

Analyst: Tamara Salazar

Plate Retest Date: 07/17/2023

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot:

LCMS-QQQ ID: 069901

### Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist

### Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). *(Load at 85-100 PSI- Selector to the right)*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 17. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

### Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R<sup>2</sup> values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

### COMMENTS:

Curves Limited:

7-aminoclonazepam - 5-500 -- calibrator 8 dropped due to accuracy

Amphetamine - 5-100 -- calibrator 6, 7, and 8 dropped due to accuracy (Qualitative Only)

Buprenorphine 2.5 -100 -- -- calibrator 1 and 2 dropped due to ratio (Qualitative Only)

Clonazepam - 5-500 -- calibrator 8 dropped due to accuracy

Clonazolam - 5-250 -- calibrators 7 and 8 dropped due to accuracy

Codeine - 5-500 -- calibrator 8 dropped due to accuracy

Dihydrocodeine - 5-500 -- calibrator 8 dropped due to accuracy  
DMT - 5-500 -- calibrator 8 dropped due to accuracy  
Flualprazolam - 5-500 -- calibrator 8 dropped due to accuracy  
Fluorofentanyl - 5-500 -- calibrator 8 dropped due to accuracy  
Hydroxyzine - 5-500 -- calibrator 8 dropped due to accuracy  
MDA - 5-500 -- calibrator 8 dropped due to accuracy  
Meprobamate - 5-500 -- calibrator 8 dropped due to accuracy  
Methamphetamine - 5-500 -- calibrator 8 dropped due to accuracy  
Metoprolol - 5-500 -- calibrator 8 dropped due to accuracy  
Norfentanyl - 0.5-50 -- calibrator 8 dropped due to accuracy  
Oxycodone - 5-500 -- calibrator 8 dropped due to accuracy  
Phentermine - 5-500 -- calibrator 8 dropped due to accuracy  
Quetiapine - 5-500 -- calibrator 8 dropped due to accuracy  
Trazodone - 5-500 -- calibrator 8 dropped due to accuracy

Chlordiazepoxide not evaluated due to ratios.

Norbuprenorphine not evaluated due to response in blank samples.

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2023-0332-5	P2023-0154-1	P2023-0230-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	P2023-0044-1	P2023-0155-1	P2023-0231-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2023-0055-1	P2023-0162-2	P2023-0243-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2023-0063-1	P2023-0173-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2023-0077-1	P2023-0174-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2023-0101-1	P2023-0177-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2023-0072-3	P2023-0129-2	P2023-0215-2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2023-0093-3	P2023-0138-1	P2023-0226-2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

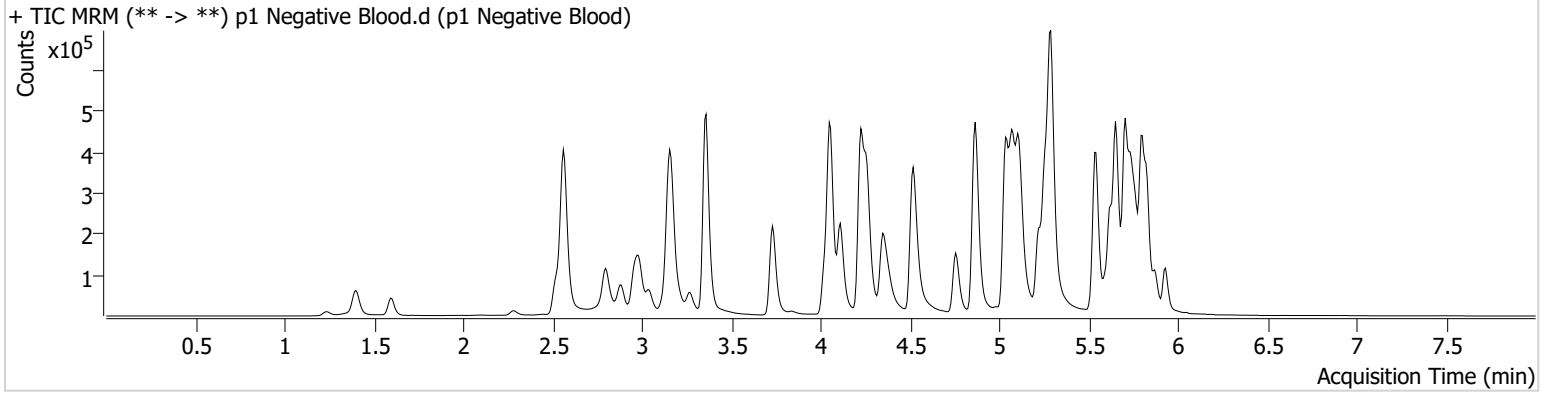


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Negative Blood.d
<b>Type</b>	Sample	<b>Sample</b>	p1 Negative Blood
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-F2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 9:27:33 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



TS

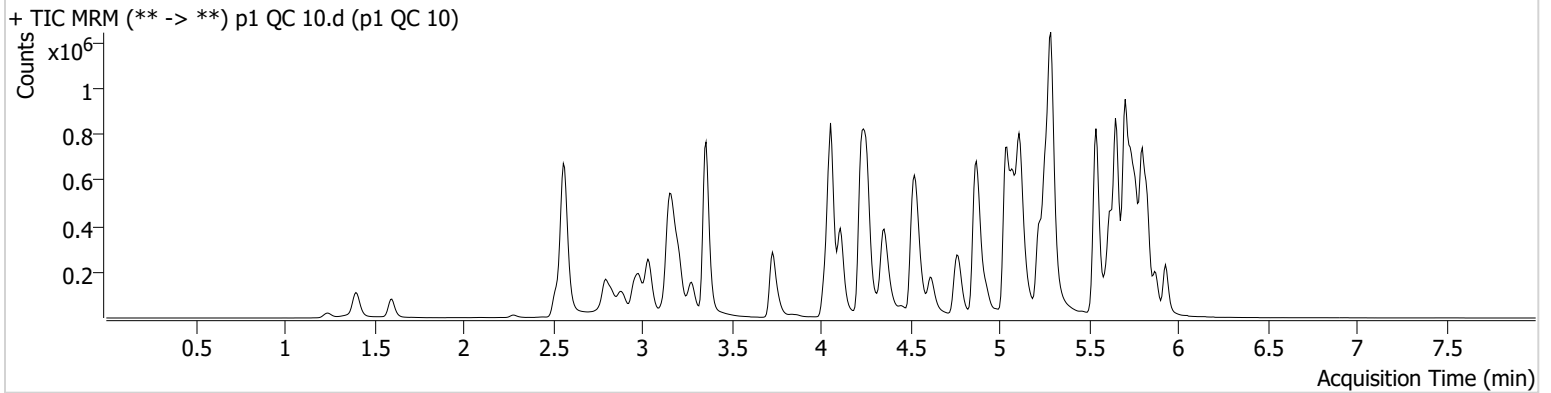


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 10.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 10
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-A2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 8:13:10 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	3239	1013.86	71.2	639.40	88453	1.0066 ng/ml
7-aminoclonazepam	4.251	38174	75.69	86.0	105.82	146847	10.9213 ng/ml
a-hydroxyalprazolam	5.682	26907	102.26	68.8	218.01	1047513	9.9703 ng/ml
alpha-PHP	4.928	50432	1390.97	256.0	736.49	639762	10.1452 ng/ml
alpha-PVP	4.357	177878	411.28	53.3	268.45	639762	10.2398 ng/ml
Alprazolam	5.759	107433	499.72	117.2	248.52	283335	10.1779 ng/ml
Amphetamine	3.037	329901	415.07	43.1	764.48	400044	9.8891 ng/ml
Benzoylcegonine	3.871	4522	184.47	8.5	30.38	14274	9.8977 ng/ml
Buprenorphine	5.769	4017	2551.63	17.0	476.87	125519	0.8631 ng/ml
Bupropion	4.778	177943	352.51	63.4	2585.60	558815	10.3161 ng/ml
Carisoprodol	5.714	115358	209453.74	58.7	207.42	493545	9.6846 ng/ml
Chlordiazepoxide	5.835	44075	3694.53	177.1	690.27	621811	4.7122 ng/ml
Chlorpheniramine	5.118	317915	2526.20	0.2	5.47	1293709	10.0875 ng/ml
Citalopram	5.225	184167	347.52	38.5	435.51	646941	9.8681 ng/ml
Clonazepam	5.601	113028	4355.03	35.1	245.18	146846	10.2913 ng/ml
Clonazolam	5.545	87832	127546.27	36.1	43203.38	146846	10.7345 ng/ml
Cocaine	4.257	119264	176.77	58.3	1020.20	974181	10.0165 ng/ml
Codeine	2.573	17084	1493.84	105.1	2722.03	72550	10.3493 ng/ml
Cyclobenzaprine	5.625	170039	1101.96	6.9	1452.79	672523	10.0783 ng/ml
Dextromethorphan	5.269	96815	425.93	81.2	1772.15	407043	10.0102 ng/ml
Dextrorphan	4.111	60856	6576.10	217.3	17129.19	641721	10.0084 ng/ml
Diazepam	5.938	82043	612.34	89.4	402.47	284773	10.4377 ng/ml
Dihydrocodeine	2.552	46508	4799.83	55.7	399.14	275562	10.5089 ng/ml
Diphenhydramine	5.290	538623	8662.00	31.2	190.57	1929193	10.3807 ng/ml
DMT	2.845	22812	98.67	123.7	1125.49	407043	10.0159 ng/ml
Doxylamine	4.538	373186	1489.84	98.5	6140.47	1528225	9.9598 ng/ml
Duloxetine	5.651	16121	302.80	15.5	267.08	77035	10.0253 ng/ml
EDDP	5.262	175851	508.36	42.3	160.09	830754	9.5508 ng/ml
Etizolam	5.804	30901	6307.53	28.6	12369.07	146846	9.7742 ng/ml
Fentanyl	5.094	16939	1176.85	69.5	51988.21	717856	1.0367 ng/ml
Flualprazolam	5.695	53326	2067.28	95.1	2956.44	283335	10.6924 ng/ml
Fluorofentanyl	5.149	37386	362.85	40.0	1173.15	6860	0.9762 ng/ml
Fluoxetine	5.704	201451	786.60	7.2	1423.34	684320	9.8450 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	75363	171.12	30.6	112.05	352957	10.3437 ng/ml
Hydromorphone	1.602	50304	230232.21	73.4	1981.89	155831	10.0473 ng/ml
Hydroxyzine	5.701	174923	3646.89	74.1	1379.12	407043	9.5865 ng/ml
Ketamine	4.036	134878	14751.73	39.7	590.41	407577	10.5375 ng/ml
Lamotrigine	4.267	11881	740.23	87.7	629.71	1439299	10.1012 ng/ml
Lorazepam	5.737	89271	1250.58	46.1	36.43	619579	10.6162 ng/ml
MDA	3.184	236705	707.98	35.5	298.31	683196	10.5608 ng/ml
MDMA	3.285	110372	1686.14	110.9	1614.81	146327	9.8141 ng/ml
Meprobamate	4.895	91875	386.92	28.1	856.80	387228	10.7871 ng/ml
Methadone	5.656	335018	827.58	45.8	378.31	1142928	9.8522 ng/ml
Methamphetamine	3.212	337924	807.14	32.6	332.18	1003548	10.1655 ng/ml
Metoprolol	4.320	36602	2030.62	99.6	506.55	1360650	10.4467 ng/ml
Mirtazapine	4.620	257636	1128.46	48.7	2175.62	639762	10.5423 ng/ml
Mitragynine	5.223	56951	2997.06	35.2	68.06	1142928	9.5244 ng/ml
Morphine	1.247	9812	7976.50	16.9	72.78	13983	10.3491 ng/ml
Norbuprenorphine	4.990	835	983.32	100.3	1432.09	26975	1.1540 ng/ml
Nordiazepam	5.877	71154	611.08	63.4	367.60	202730	9.8401 ng/ml
Norfentanyl	4.078	30526	112.23	37.6	116.12	1146299	0.9712 ng/ml
Norhydrocodone	3.060	13543	102.61	36.4	549.45	132204	10.0974 ng/ml
Noroxycodone	2.904	77206	832.80	43.8	510.34	267727	10.1449 ng/ml
O-desmethyl-tramadol	3.359	292108	10402.22	6.0	735.14	1627747	10.0393 ng/ml
o-desmethylvenlafaxine	4.063	427174	11846.48	19.1	672.64	333784	9.7641 ng/ml
Olanzapine	4.455	56107	180.74	60.6	407.85	139660	9.6156 ng/ml
Oxazepam	5.740	123567	238.44	74.1	288.88	619579	10.2261 ng/ml
Oxycodone	2.822	140284	376.95	27.6	544.61	501633	10.4687 ng/ml
Oxymorphone	1.405	79882	672.86	44.0	266.19	255526	10.1441 ng/ml
Phentermine	3.767	78341	310.40	7.0	59.53	768900	10.6590 ng/ml
Promethazine	5.541	259814	1068.71	30.7	69.94	1090340	9.5143 ng/ml
Pseudoephedrine	2.576	365514	368.83	18.2	5476.64	1439299	9.8341 ng/ml
Quetiapine	5.544	194404	5701.00	59.8	384.90	267374	10.4811 ng/ml
Sertraline	5.773	68446	598.02	103.1	2399.70	274885	10.2904 ng/ml
Temazepam	5.807	220901	417.02	26.1	88.84	1047513	10.1116 ng/ml
Tramadol	4.239	282631	1009.60	3.4	114.59	1360650	10.0803 ng/ml
Trazodone	5.121	202985	690.92	68.3	8144.74	719470	10.6983 ng/ml
Venlafaxine	5.036	279082	325.42	35.4	294.14	1491582	9.6398 ng/ml
Zolpidem	4.884	298453	5400.75	28.5	1074.09	1272943	10.0168 ng/ml

TS

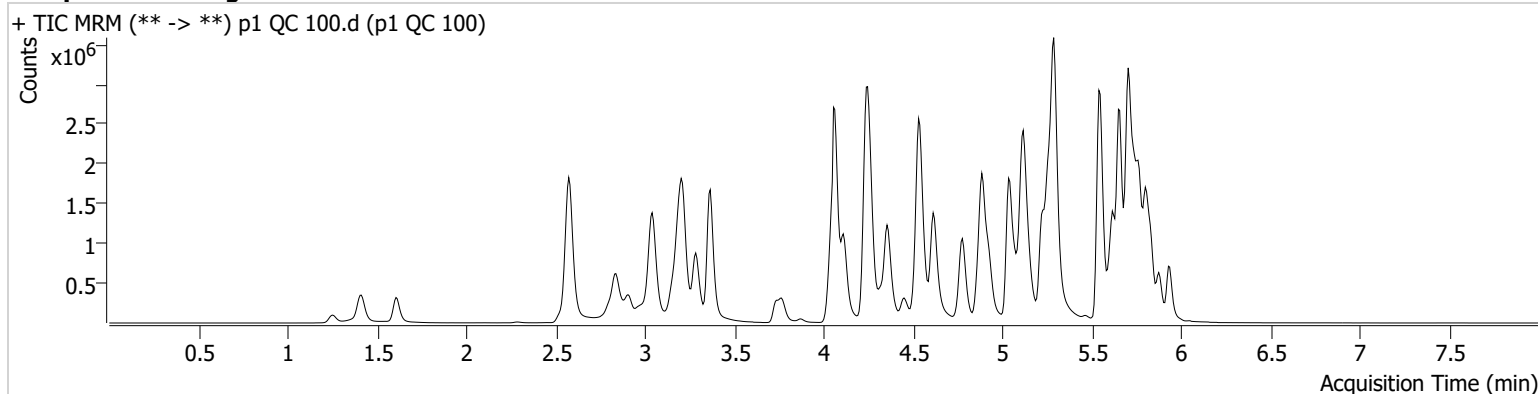


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 100.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 100
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-B2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/7/2023 5:15:13 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	28999	41483.04	70.9	21048.80	79122	9.9086 ng/ml
7-aminoclonazepam	4.251	314724	5707.20	88.1	3313.85	132894	106.6627 ng/ml
a-hydroxyalprazolam	5.682	185780	648.28	63.9	278.90	743759	99.7946 ng/ml
alpha-PHP	4.928	431166	2131.67	254.6	18016.72	550006	103.6850 ng/ml
alpha-PVP	4.357	1563367	1104.61	53.2	11331.30	550006	102.5908 ng/ml
Alprazolam	5.759	842989	2902.93	115.7	1437.26	219176	103.4082 ng/ml
Amphetamine	3.043	2611804	5218.01	41.7	10810.95	366694	95.8476 ng/ml
Benzoylcegonine	3.871	41001	15972.07	8.2	6415.46	13562	95.6953 ng/ml
Buprenorphine	5.769	33140	3625.09	16.5	7752.83	110890	10.7752 ng/ml
Bupropion	4.778	1573595	31581.42	62.2	6265.11	487946	105.6330 ng/ml
Carisoprodol	5.714	764223	856.73	61.4	599.87	312483	93.8237 ng/ml
Chlordiazepoxide	5.835	329525	1357.17	190.6	6441.28	515918	118.6613 ng/ml
Chlorpheniramine	5.111	2827054	9412.87	0.3	101.42	1150924	99.6074 ng/ml
Citalopram	5.218	1583778	21993.60	38.9	28855.40	543052	99.2717 ng/ml
Clonazepam	5.601	864205	4431.29	33.6	1475.58	117098	104.6023 ng/ml
Clonazolam	5.545	608980	1952.34	37.4	200296.33	117098	99.6614 ng/ml
Cocaine	4.257	1016083	544.08	57.7	4448.32	843073	98.3117 ng/ml
Codeine	2.580	132488	241.78	104.6	191473.13	62554	102.2395 ng/ml
Cyclobenzaprine	5.625	1518322	35502.72	7.2	845.26	590319	97.8333 ng/ml
Dextromethorphan	5.269	815702	2033.04	78.7	365.57	341438	99.5613 ng/ml
Dextrorphan	4.111	542093	1428.53	219.3	132662.32	568107	98.1284 ng/ml
Diazepam	5.938	636039	2946.48	88.6	2564.76	220229	104.9559 ng/ml
Dihydrocodeine	2.552	387931	1388.07	56.6	274.40	253774	102.6299 ng/ml
Diphenhydramine	5.290	4658614	162122.06	31.3	202024.92	1660145	100.3720 ng/ml
DMT	2.845	195879	1928.69	132.1	2514.82	341438	97.3678 ng/ml
Doxylamine	4.531	3538824	732.11	96.5	161456.47	1392213	103.6731 ng/ml
Duloxetine	5.651	137952	1739.47	15.4	5809.71	65987	101.1786 ng/ml
EDDP	5.262	1512147	33467.34	42.5	1659.49	699851	95.6244 ng/ml
Etizolam	5.804	236967	638.25	27.6	58143.88	117098	90.5529 ng/ml
Fentanyl	5.094	145852	9918.91	71.1	21885.95	640385	10.7551 ng/ml
Flualprazolam	5.695	374686	2344.23	98.6	7773.25	219176	105.8653 ng/ml
Fluorofentanyl	5.149	339239	∞	40.1	167834.45	5773	9.8168 ng/ml
Fluoxetine	5.711	1537981	1360.15	7.6	20475.16	500010	96.6854 ng/ml



TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	618639	549.39	32.2	589.26	310226	106.2191 ng/ml
Hydromorphone	1.609	465447	4821.89	72.2	1481086.45	141576	100.9253 ng/ml
Hydroxyzine	5.701	1525685	3772.09	76.2	368967.89	341438	94.5949 ng/ml
Ketamine	4.043	1106189	110214.72	40.8	468.67	361387	105.8828 ng/ml
Lamotrigine	4.274	97305	3621.31	88.6	928.42	1203176	105.2457 ng/ml
Lorazepam	5.737	523998	1048.26	46.5	138.15	418971	102.3046 ng/ml
MDA	3.191	1745230	1563.32	35.1	769.80	561250	105.3422 ng/ml
MDMA	3.285	975596	172118.56	111.9	7189.11	129730	98.8328 ng/ml
Meprobamate	4.895	673793	842.57	27.5	1980.11	315540	107.1348 ng/ml
Methadone	5.656	3014424	∞	44.6	17792.95	987411	100.2068 ng/ml
Methamphetamine	3.212	2651429	913.41	32.4	1464.10	902848	107.7645 ng/ml
Metoprolol	4.320	317331	272367.45	99.4	1199.31	1210092	103.5605 ng/ml
Mirtazapine	4.613	2366345	96571.18	47.2	7349.04	550006	108.3517 ng/ml
Mitragynine	5.223	504609	7597.25	35.9	93224.41	987411	101.7056 ng/ml
Morphine	1.253	90283	3915.88	17.4	283.64	13342	101.6478 ng/ml
Norbuprenorphine	4.990	5728	5417.86	110.8	4020.01	23863	10.0312 ng/ml
Nordiazepam	5.877	566528	1781.54	63.1	581.62	158538	102.5673 ng/ml
Norfentanyl	4.078	258108	30693.37	37.3	586.67	918798	9.5947 ng/ml
Norhydrocodone	3.067	100843	∞	38.7	84.01	91097	100.5723 ng/ml
Noroxycodone	2.911	627937	∞	43.4	1630.51	225542	94.0895 ng/ml
O-desmethyl-tramadol	3.366	2643232	168723.71	5.8	506.05	1441289	99.3582 ng/ml
o-desmethylvenlafaxine	4.063	3835884	246314.89	18.8	3409.50	275173	99.6388 ng/ml
Olanzapine	4.447	532638	3093.00	58.8	1022.21	124392	95.3417 ng/ml
Oxazepam	5.740	843689	291.76	72.8	3412.75	418971	106.9138 ng/ml
Oxycodone	2.828	1214813	2623.65	28.0	4176.11	456117	105.7601 ng/ml
Oxymorphone	1.411	698519	∞	42.5	∞	224060	102.9363 ng/ml
Phentermine	3.767	642529	1277.06	6.6	968.75	701383	103.0662 ng/ml
Promethazine	5.541	2373691	52623.94	30.0	554.78	953935	95.2524 ng/ml
Pseudoephedrine	2.583	3178672	2088.04	17.8	35437.77	1203176	97.3952 ng/ml
Quetiapine	5.544	1576720	63441.59	60.9	21417.23	232416	106.1369 ng/ml
Sertraline	5.773	561556	1026.53	101.4	2721.13	234057	95.9668 ng/ml
Temazepam	5.807	1603024	2511.10	26.5	226.82	743759	103.1656 ng/ml
Tramadol	4.239	2462938	∞	3.5	265.73	1210092	103.2118 ng/ml
Trazodone	5.121	1738223	117707.90	69.3	129187.66	662304	106.5466 ng/ml
Venlafaxine	5.036	2518835	92642.62	34.6	4099.60	1277393	98.2119 ng/ml
Zolpidem	4.884	2718683	529377.19	27.6	3004.54	1141662	106.3984 ng/ml

TS

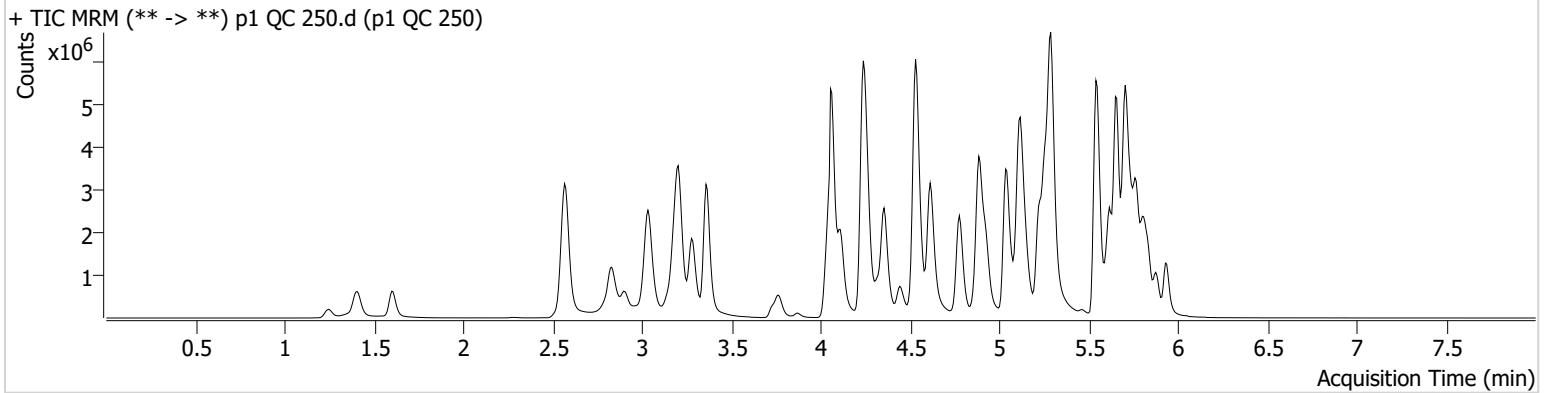


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 250.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 250
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-C2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 8:34:24 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	70397	15894.51	74.2	45173.14	79027	24.0566 ng/ml
7-aminoclonazepam	4.251	545152	228.96	86.0	304.04	101284	243.5421 ng/ml
a-hydroxyalprazolam	5.682	286400	316.28	66.2	∞	481544	238.0670 ng/ml
alpha-PHP	4.928	1023449	23781.71	253.1	76004.14	509128	266.3643 ng/ml
alpha-PVP	4.357	3770277	98898.86	52.4	48391.21	509128	266.9125 ng/ml
Alprazolam	5.759	1710194	758.39	113.0	12796.55	175362	262.2300 ng/ml
Amphetamine	3.037	5028529	1676.21	41.2	26112.23	349279	195.1329 ng/ml
Benzoylecgonine	3.871	102386	317.87	8.3	6455.75	13438	241.3988 ng/ml
Buprenorphine	5.769	76921	5817.71	15.6	551.59	109403	25.7902 ng/ml
Bupropion	4.778	3816791	126350.49	62.5	1832.11	472628	264.7096 ng/ml
Carisoprodol	5.721	1200538	368.02	59.8	649.85	184662	248.0959 ng/ml
Chlordiazepoxide	5.835	594552	12553.09	211.1	11587.74	422384	272.9577 ng/ml
Chlorpheniramine	5.111	6614653	11348.73	0.3	146.41	1055210	253.9867 ng/ml
Citalopram	5.218	3362107	88062.33	38.8	351.29	455321	251.0399 ng/ml
Clonazepam	5.601	1578894	559.33	32.9	814.56	92646	242.4490 ng/ml
Clonazolam	5.552	1009571	607331.90	37.3	64364.48	92646	209.7256 ng/ml
Cocaine	4.257	2287010	39935.47	56.5	528.78	743149	250.9826 ng/ml
Codeine	2.573	246738	88.02	104.9	3822.15	53618	223.4821 ng/ml
Cyclobenzaprine	5.625	3368168	102458.61	6.8	222.53	491631	259.7430 ng/ml
Dextromethorphan	5.269	1679926	59085.59	77.2	643.21	283006	247.2191 ng/ml
Dextrorphan	4.111	1193420	65063.44	220.3	3814.59	491409	249.3087 ng/ml
Diazepam	5.938	1312266	3506.38	90.1	1129.84	189787	251.3272 ng/ml
Dihydrocodeine	2.545	842225	174.72	55.8	2716.24	245763	231.2283 ng/ml
Diphenhydramine	5.290	10211232	2904.79	31.1	84282.07	1403891	259.4666 ng/ml
DMT	2.838	430820	10883.14	136.5	733.72	283006	257.4447 ng/ml
Doxylamine	4.531	8600569	2072.55	96.7	388013.28	1332215	263.3091 ng/ml
Duloxetine	5.644	256053	4286.27	15.8	40080.64	50479	245.6523 ng/ml
EDDP	5.255	3704437	47998.88	42.3	32154.20	670625	244.1532 ng/ml
Etizolam	5.804	513522	4335.47	27.0	118066.75	92646	247.3301 ng/ml
Fentanyl	5.094	335053	389.85	69.1	343.19	620328	25.6242 ng/ml
Flualprazolam	5.695	663818	8930.18	99.2	10971.67	175362	235.7323 ng/ml
Fluorofentanyl	5.149	820449	13048.54	40.5	378221.75	5220	26.1361 ng/ml
Fluoxetine	5.711	2751209	489.92	7.6	6213.69	352634	244.2325 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	1325593	268.03	32.4	311.74	293467	242.0573 ng/ml
Hydromorphone	1.602	1056067	6008573.51	72.5	14722.97	128174	252.7059 ng/ml
Hydroxyzine	5.701	3311966	436416.78	77.0	39432.50	283006	246.8693 ng/ml
Ketamine	4.036	2497992	3173.10	39.8	1819.46	333588	260.5049 ng/ml
Lamotrigine	4.274	193812	2302.78	88.3	18735.46	985114	257.0556 ng/ml
Lorazepam	5.730	645673	2932.72	48.1	3350.95	237499	223.9342 ng/ml
MDA	3.184	3111731	21871.17	34.0	1318.37	459679	230.8844 ng/ml
MDMA	3.278	2216620	186443.80	111.7	11246.80	116757	249.6720 ng/ml
Meprobamate	4.901	1154418	1275.90	27.4	694.59	248261	234.7784 ng/ml
Methadone	5.656	6888220	3088.75	44.0	1832.44	870192	259.4193 ng/ml
Methamphetamine	3.205	6093087	4005.33	30.9	79964.74	904066	250.5178 ng/ml
Metoprolol	4.320	702399	977.85	99.8	2102.31	1099466	252.5740 ng/ml
Mirtazapine	4.613	5518599	6394.02	47.3	176268.48	509128	272.3061 ng/ml
Mitragynine	5.223	1085448	451039.32	36.3	5457.41	870192	248.8717 ng/ml
Morphine	1.247	202303	904.39	17.4	1496.97	12210	249.1857 ng/ml
Norbuprenorphine	4.990	14661	4187.16	100.2	22549.64	23682	26.1255 ng/ml
Nordiazepam	5.877	1112415	721.69	63.6	968.84	127130	251.5290 ng/ml
Norfentanyl	4.078	540207	35589.36	38.2	3659.50	692827	26.5100 ng/ml
Norhydrocodone	3.060	208615	206.64	38.5	249.98	71153	264.9375 ng/ml
Noroxycodone	2.904	1153686	1765.43	45.8	963.36	169788	228.9905 ng/ml
O-desmethyl-tramadol	3.359	6305566	∞	5.7	4340.44	1319287	258.3789 ng/ml
o-desmethylvenlafaxine	4.063	8604333	617555.74	18.3	4902.20	241857	253.2352 ng/ml
Olanzapine	4.441	1230712	1255.71	59.8	2276.46	109524	249.0001 ng/ml
Oxazepam	5.740	1123944	242.39	74.3	165.77	237499	251.8004 ng/ml
Oxycodone	2.822	2596438	2428.63	28.0	2032.73	430920	240.1568 ng/ml
Oxymorphone	1.405	1482425	∞	43.1	1065.10	190986	256.5821 ng/ml
Phentermine	3.767	1351548	6544.44	6.6	1103.43	665408	229.6203 ng/ml
Promethazine	5.541	5478235	84505.72	29.7	972.34	871688	239.9124 ng/ml
Pseudoephedrine	2.576	6772316	117740.49	17.2	53293.65	985114	252.6013 ng/ml
Quetiapine	5.544	3303565	21649.69	61.5	25466.99	220046	236.0962 ng/ml
Sertraline	5.773	1064740	621.93	99.7	565.68	169906	250.0651 ng/ml
Temazepam	5.807	2511636	23043.72	27.1	1265.32	481544	249.6318 ng/ml
Tramadol	4.239	5594188	1297.52	3.5	550.11	1099466	258.7746 ng/ml
Trazodone	5.121	3673576	2262.55	71.7	1880.21	627464	238.7213 ng/ml
Venlafaxine	5.036	5935857	194282.30	33.4	16964.90	1177429	250.5432 ng/ml
Zolpidem	4.884	6481272	14134.02	27.4	316533.12	1115653	260.2970 ng/ml

TS

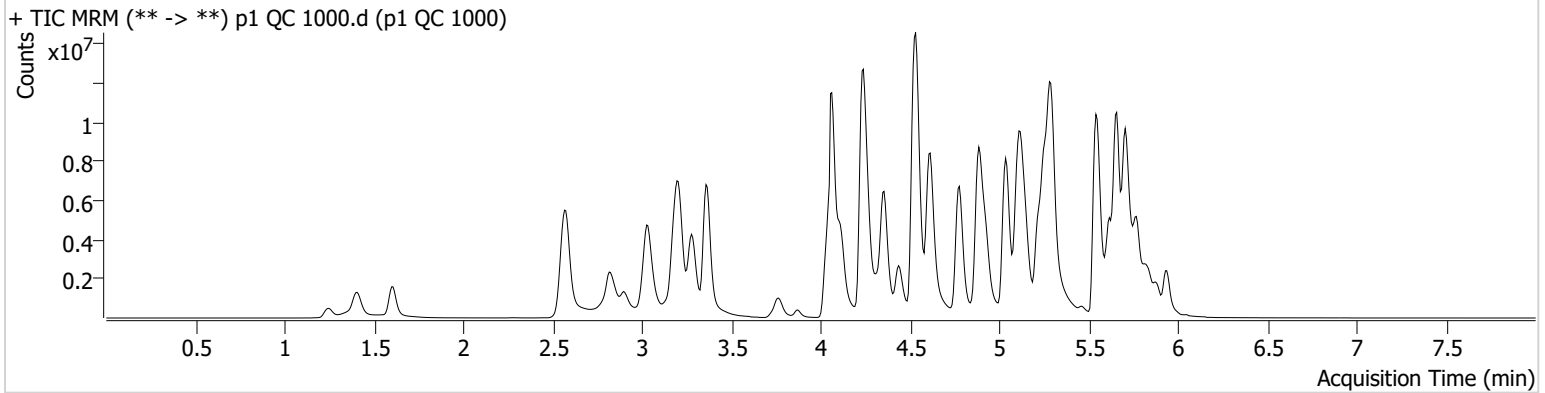


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 QC 1000.d
<b>Type</b>	QC	<b>Sample</b>	p1 QC 1000
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-D2	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 8:55:40 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	231298	7351.92	72.7	112376.78	65175	95.7837 ng/ml
7-aminoclonazepam	4.244	781418	2258.98	89.3	970.71	54855	646.0206 ng/ml
a-hydroxyalprazolam	5.675	303679	258.31	67.9	214.31	128850	944.3547 ng/ml
alpha-PHP	4.928	2811623	5354.60	261.2	990.40	367444	1014.7927 ng/ml
alpha-PVP	4.357	11157455	31591.13	52.3	1201.57	367444	1093.7462 ng/ml
Alprazolam	5.759	3238192	106.95	113.8	343.18	87029	1000.5329 ng/ml
Amphetamine	3.037	10072585	80092.78	40.5	39138.55	293429	467.1553 ng/ml
Benzoylcegonine	3.871	397509	18056.99	8.4	3978.33	12661	995.2414 ng/ml
Buprenorphine	5.769	183992	4910.30	15.0	48096.01	76136	89.4361 ng/ml
Bupropion	4.778	12279352	1235.75	60.8	968.11	406238	991.1465 ng/ml
Carisoprodol	5.721	1453982	174.30	59.6	180.13	47844	1156.8127 ng/ml
Chlordiazepoxide	5.835	895877	10827.65	255.7 <b>High</b>	4496.94	202986	876.1578 ng/ml
Chlorpheniramine	5.104	18845603	106743.14	0.3	2288.77	756941	1008.3623 ng/ml
Citalopram	5.218	6893281	103807.23	38.3	2619657.29	216572	1081.4617 ng/ml
Clonazepam	5.601	2297434	1227.18	32.3	17215.92	44243	740.1452 ng/ml
Clonazolam	5.558	1266696	14413.04	37.5	829.46	44243	552.3534 ng/ml
Cocaine	4.257	5732205	254698.30	56.4	71421.98	456920	1023.0322 ng/ml
Codeine	2.573	511292	167.47	100.6	144.43	33223	750.0652 ng/ml
Cyclobenzaprine	5.625	8112073	106949.02	6.3	216.59	281456	1091.0864 ng/ml
Dextromethorphan	5.262	3314596	770.33	77.1	576.33	138239	998.2594 ng/ml
Dextrorphan	4.111	3234894	26562.42	228.7	21973.40	324089	1023.7826 ng/ml
Diazepam	5.938	3018151	249.94	89.2	∞	114320	959.7301 ng/ml
Dihydrocodeine	2.538	2124096	159.22	56.1	171.74	212626	675.8129 ng/ml
Diphenhydramine	5.290	22537412	995.32	33.3	1720.80	781776	1027.0940 ng/ml
DMT	2.838	1139855	1202.46	151.1	3085.87	138239	1391.9799 ng/ml
Doxylamine	4.533	24631526	8762.20	97.6	285029.94	1095633	916.9358 ng/ml
Duloxetine	5.644	343365	10194.85	16.8	39602.35	18185	914.7443 ng/ml
EDDP	5.255	11654061	1056.27	40.9	39937.16	488899	1052.9331 ng/ml
Etizolam	5.804	1070820	9093.79	29.3	477442.87	44243	1078.6237 ng/ml
Fentanyl	5.088	876469	21536.78	70.3	401947.36	482411	86.3988 ng/ml
Flualprazolam	5.695	927330	4180.27	105.4	19812.42	87029	665.5143 ng/ml
Fluorofentanyl	5.149	2697244	71985.74	40.6	14628.50	3508	127.5764 ng/ml
Fluoxetine	5.711	4792635	355.49	7.3	527888.52	135478	1105.1027 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	3823145	∞	32.6	536.97	236242	870.2012 ng/ml
Hydromorphone	1.609	3209716	14547408.58	72.8	10509705.1 2	97219	1012.1415 ng/ml
Hydroxyzine	5.694	8159055	277230.43	76.2	2380.21	138239	1242.8591 ng/ml
Ketamine	4.036	5991260	204967.61	38.7	8803.33	253855	823.2394 ng/ml
Lamotrigine	4.274	339292	3131.09	89.0	693.50	524247	847.2462 ng/ml
Lorazepam	5.737	648492	14995.48	45.5	323.82	53234	1008.0232 ng/ml
MDA	3.178	5299831	49905.74	33.9	1697.19	273219	664.0734 ng/ml
MDMA	3.278	5552010	215173.38	113.5	24210.43	79548	918.1731 ng/ml
Meprobamate	4.901	1571849	100607.81	27.2	432.25	121608	654.8414 ng/ml
Methadone	5.656	16873413	225735.84	47.4	2734.86	552949	999.3365 ng/ml
Methamphetamine	3.205	15688976	248288.77	30.2	66449.19	845286	694.2506 ng/ml
Metoprolol	4.320	1578922	3892.36	100.8	947.28	830107	752.3800 ng/ml
Mirtazapine	4.613	16521978	1227051.20	45.9	540737.23	367444	1128.2112 ng/ml
Mitragynine	5.223	2587590	43871.04	34.7	76431.41	552949	934.8630 ng/ml
Morphine	1.247	562365	∞	17.2	∞	9207	919.1780 ng/ml
Norbuprenorphine	4.990	50999	12392.59	101.8	327.01	21085	102.5383 ng/ml
Nordiazepam	5.884	1982518	34802.78	63.1	1067.60	59866	952.6606 ng/ml
Norfentanyl	4.078	1178293	24210.77	37.1	10912.16	241393	165.6007 ng/ml
Norhydrocodone	3.060	626053	65.34	41.7	108.37	49305	1144.4767 ng/ml
Noroxycodone	2.897	2503951	41694.76	43.3	651.44	79528	1059.4535 ng/ml
O-desmethyl-tramadol	3.359	18004031	∞	5.7	53827.60	937016	1037.6508 ng/ml
o-desmethylvenlafaxine	4.063	21539622	350396.57	18.4	10422.15	141920	1078.1175 ng/ml
Olanzapine	4.434	4430384	104905.30	61.1	5377.80	87030	1125.4336 ng/ml
Oxazepam	5.740	967967	69.01	73.1	71.25	53234	968.6261 ng/ml
Oxycodone	2.808	6506173	∞	27.5	1728.55	346642	749.6010 ng/ml
Oxymorphone	1.405	4129187	1157.06	42.5	∞	141502	965.1671 ng/ml
Phentermine	3.767	3173864	∞	6.6	711.01	577088	623.2906 ng/ml
Promethazine	5.541	14880393	2158.83	28.8	146804.15	556428	1019.4748 ng/ml
Pseudoephedrine	2.576	15539159	109509.81	16.9	41591.57	524247	1087.3935 ng/ml
Quetiapine	5.544	6768790	323189.44	60.5	99990.29	169274	630.5046 ng/ml
Sertraline	5.773	1860138	154550.46	97.8	52769.37	73628	1007.0233 ng/ml
Temazepam	5.807	2541189	175174.01	27.7	318.88	128850	943.8586 ng/ml
Tramadol	4.232	13672634	∞	3.6	7593.79	830107	838.8209 ng/ml
Trazodone	5.121	8005077	345352.66	71.7	168294.05	474594	689.3469 ng/ml
Venlafaxine	5.036	16957710	644902.31	33.1	92154.91	798754	1053.9488 ng/ml
Zolpidem	4.884	18067296	1045972.88	27.7	2525.55	954254	849.4844 ng/ml

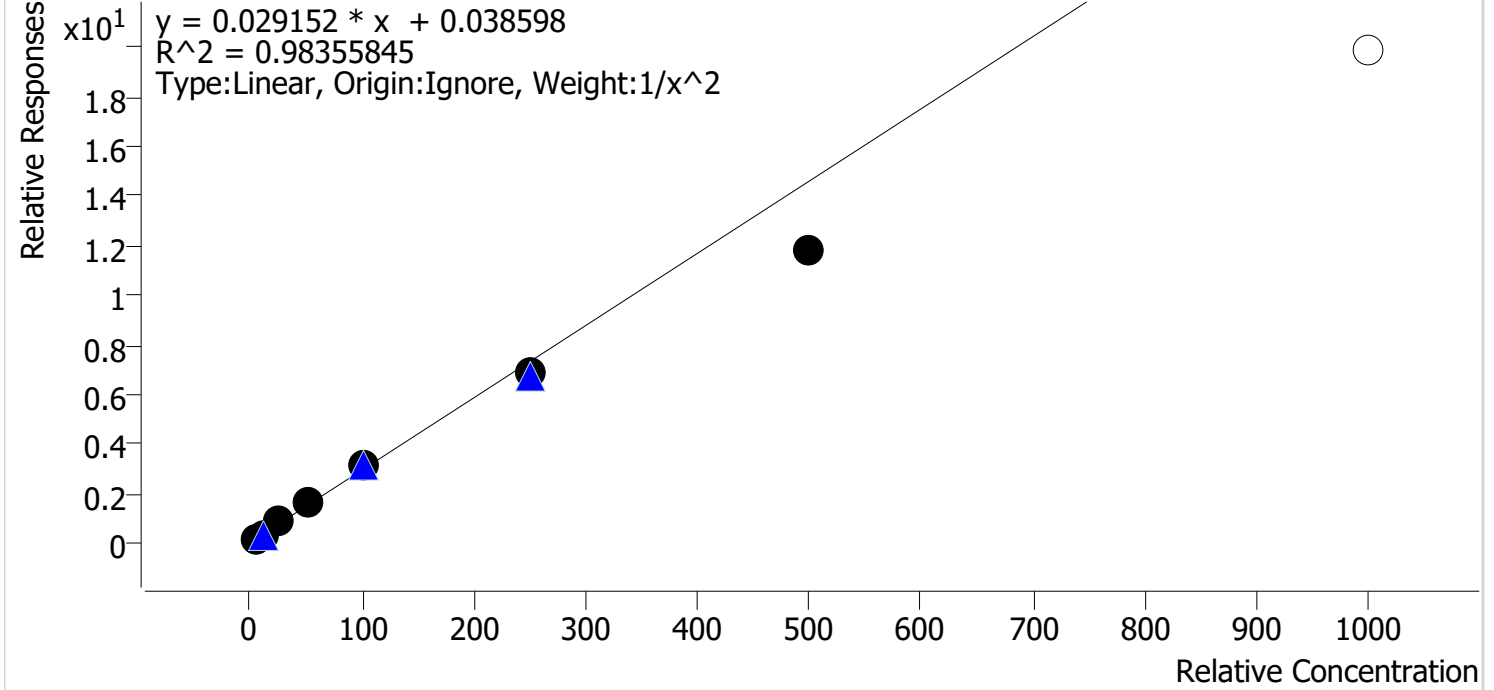
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



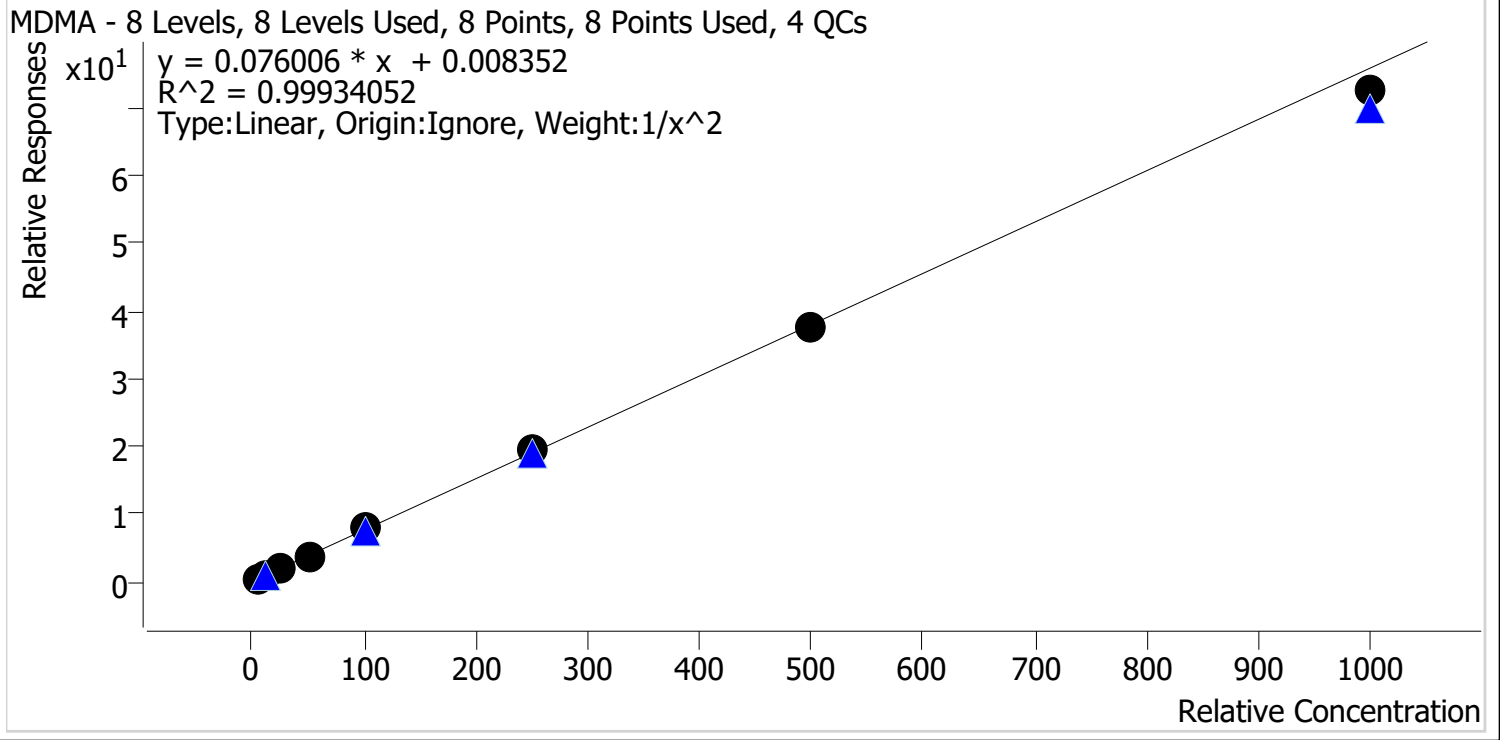
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.4	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.8
p1 Cal 4-50ng	4	✓	50.0	54.9	109.9
p1 Cal 5-100ng	5	✓	100.0	107.2	107.2
p1 Cal 6-250ng	6	✓	250.0	233.0	93.2
p1 Cal 7-500ng	7	✓	500.0	403.0	80.6
p1 Cal 8-1000ng	8	✗	1000.0	680.7	68.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** MDMA **Internal Standard** MDMA-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng	8	✓	1000.0	956.2	95.6

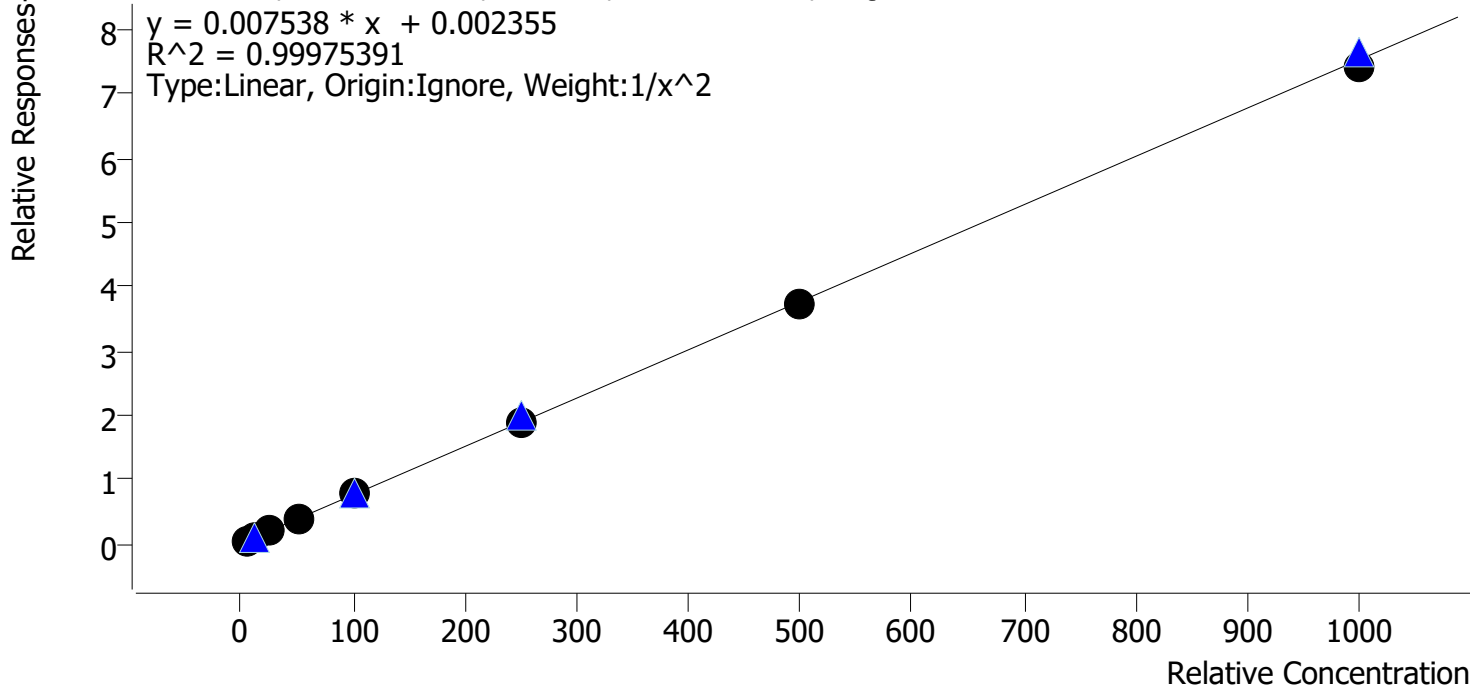
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** alpha-PHP **Internal Standard** alpha-PVP-D8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	249.4	99.7
p1 Cal 7-500ng	7	✓	500.0	497.8	99.6
p1 Cal 8-1000ng	8	✓	1000.0	986.5	98.6



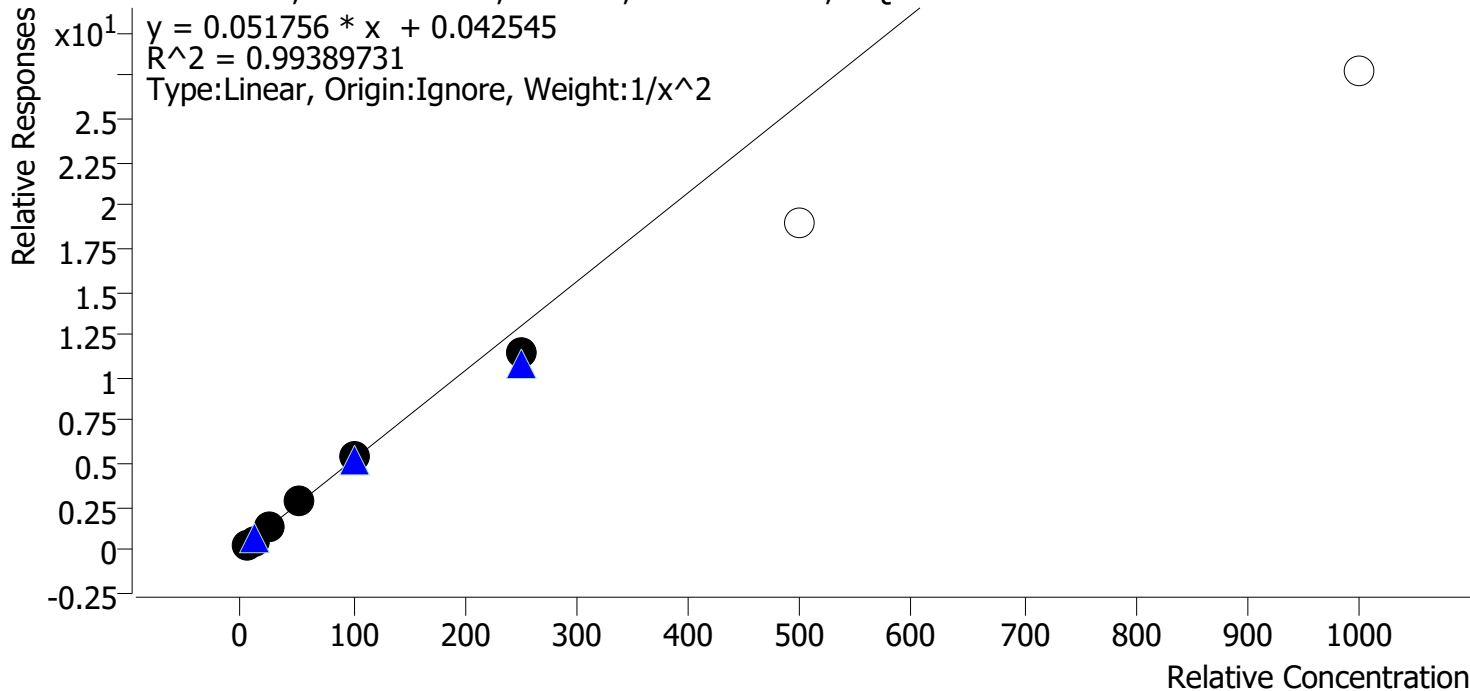
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Clonazolam **Internal Standard** Clonazepam-D4

Clonazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



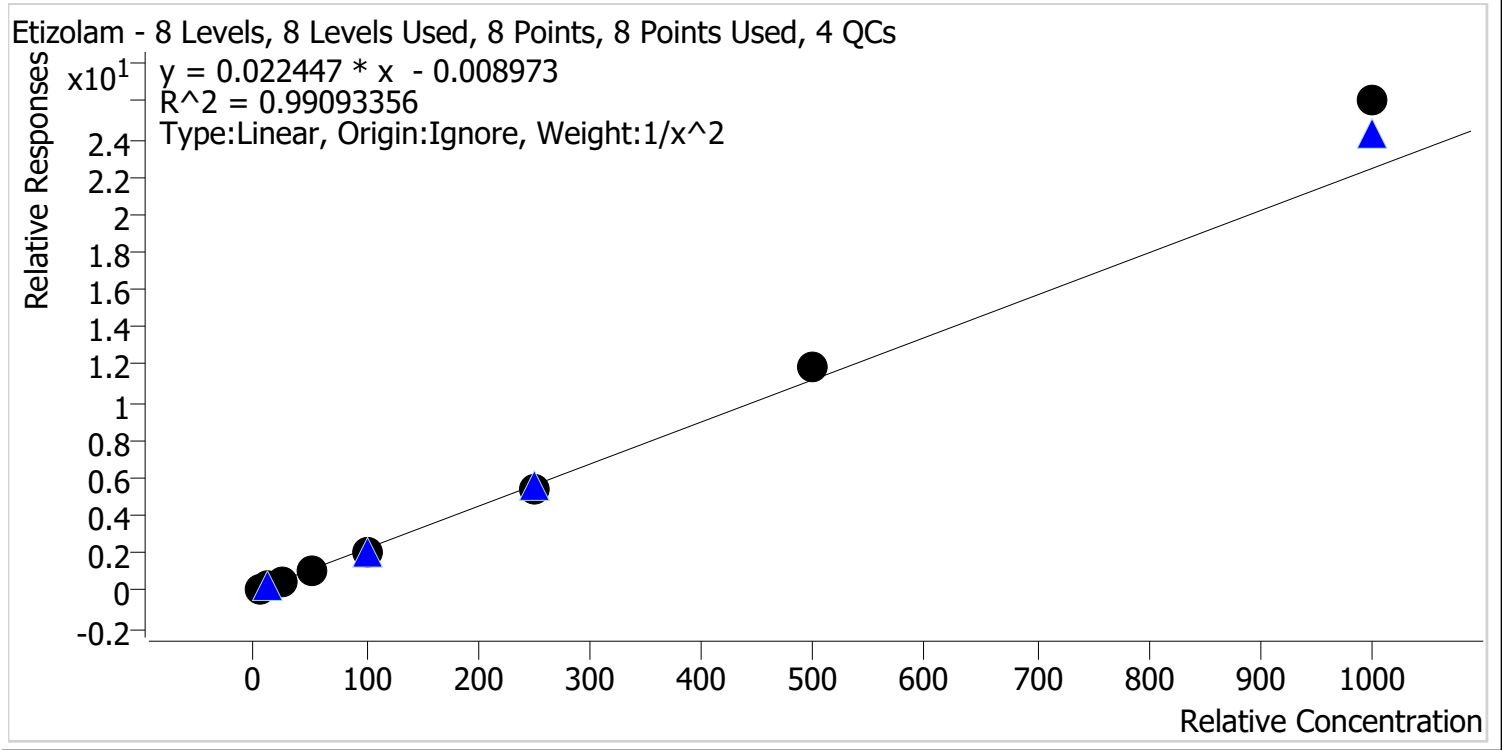
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	220.7	88.3
p1 Cal 7-500ng	7	x	500.0	364.6	72.9
p1 Cal 8-1000ng	8	x	1000.0	535.9	53.6

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Etizolam **Internal Standard** Clonazepam-D4



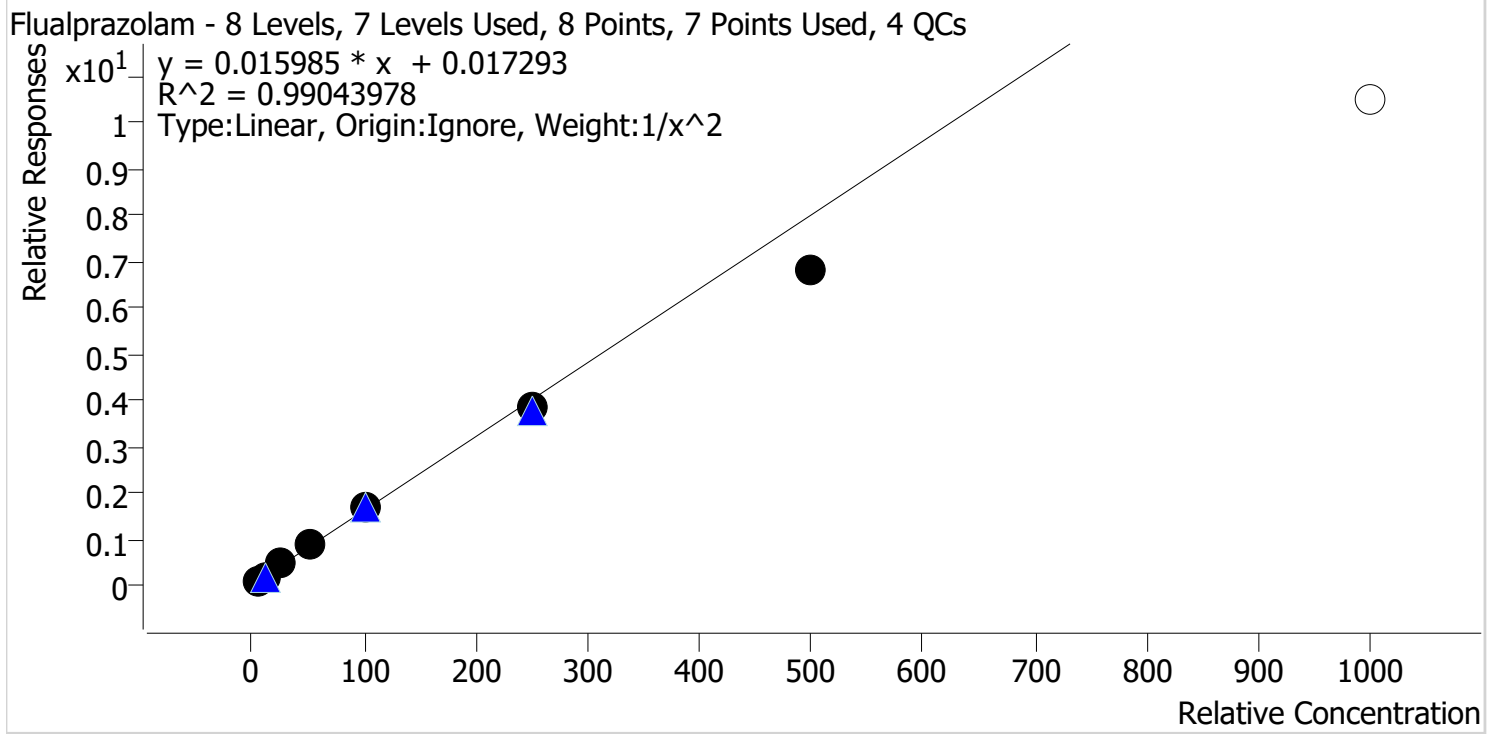
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.0	91.9
p1 Cal 4-50ng	4	✓	50.0	46.1	92.1
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	242.5	97.0
p1 Cal 7-500ng	7	✓	500.0	532.8	106.6
p1 Cal 8-1000ng	8	✓	1000.0	1160.5	116.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Flualprazolam **Internal Standard** Alprazolam-D5



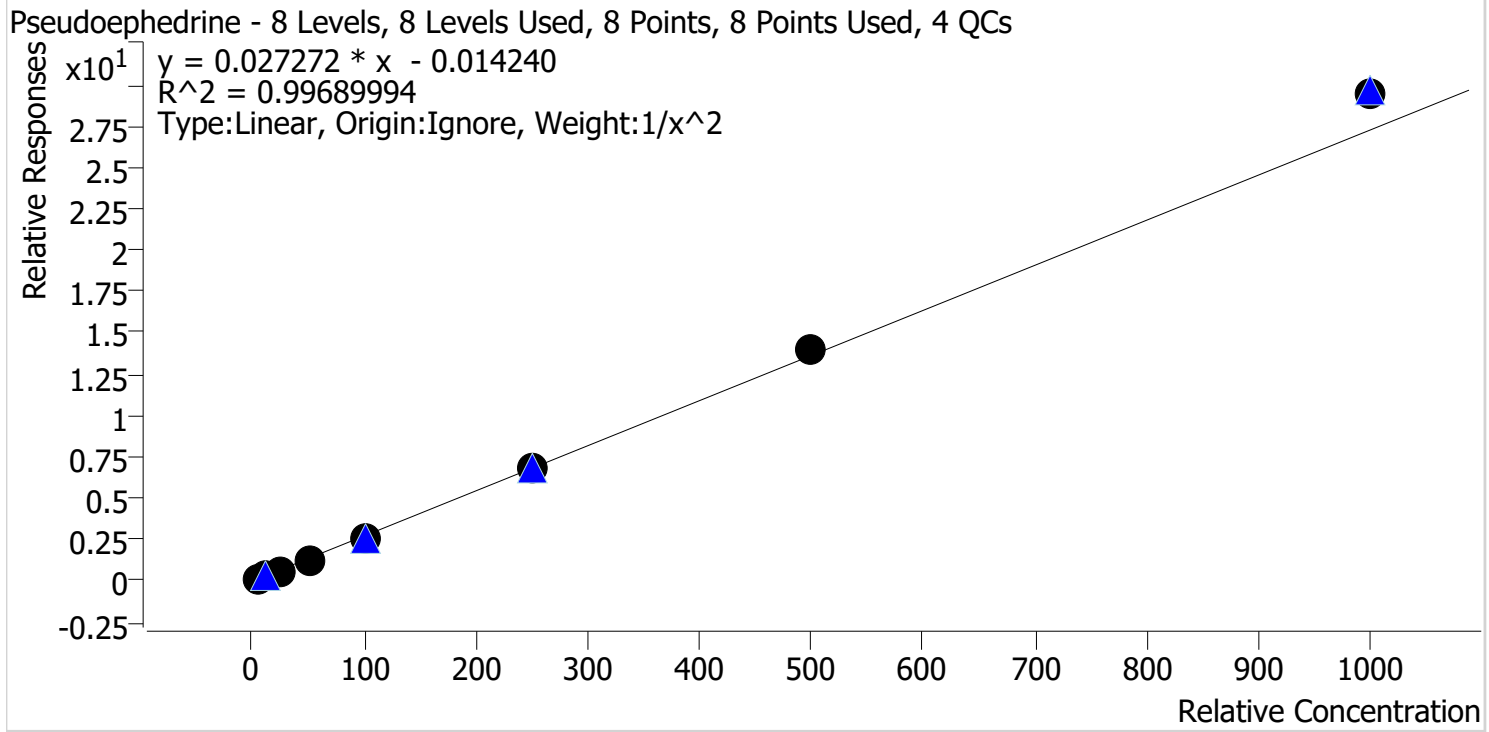
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	54.1	108.3
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	241.7	96.7
p1 Cal 7-500ng	7	✓	500.0	424.0	84.8
p1 Cal 8-1000ng	8	✗	1000.0	657.5	65.7

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	47.3	94.5
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	517.4	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1082.6	108.3

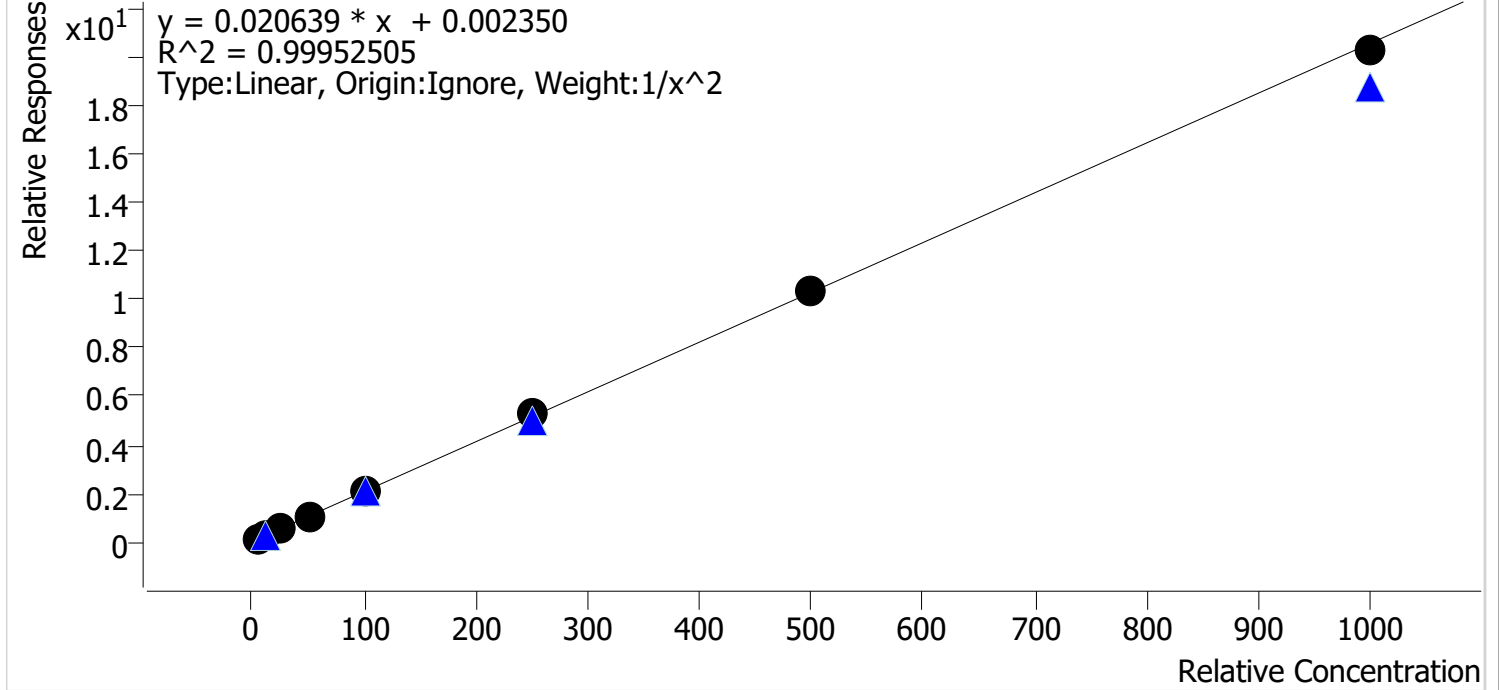
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Duloxetine **Internal Standard** Duloxetine-D3

Duloxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



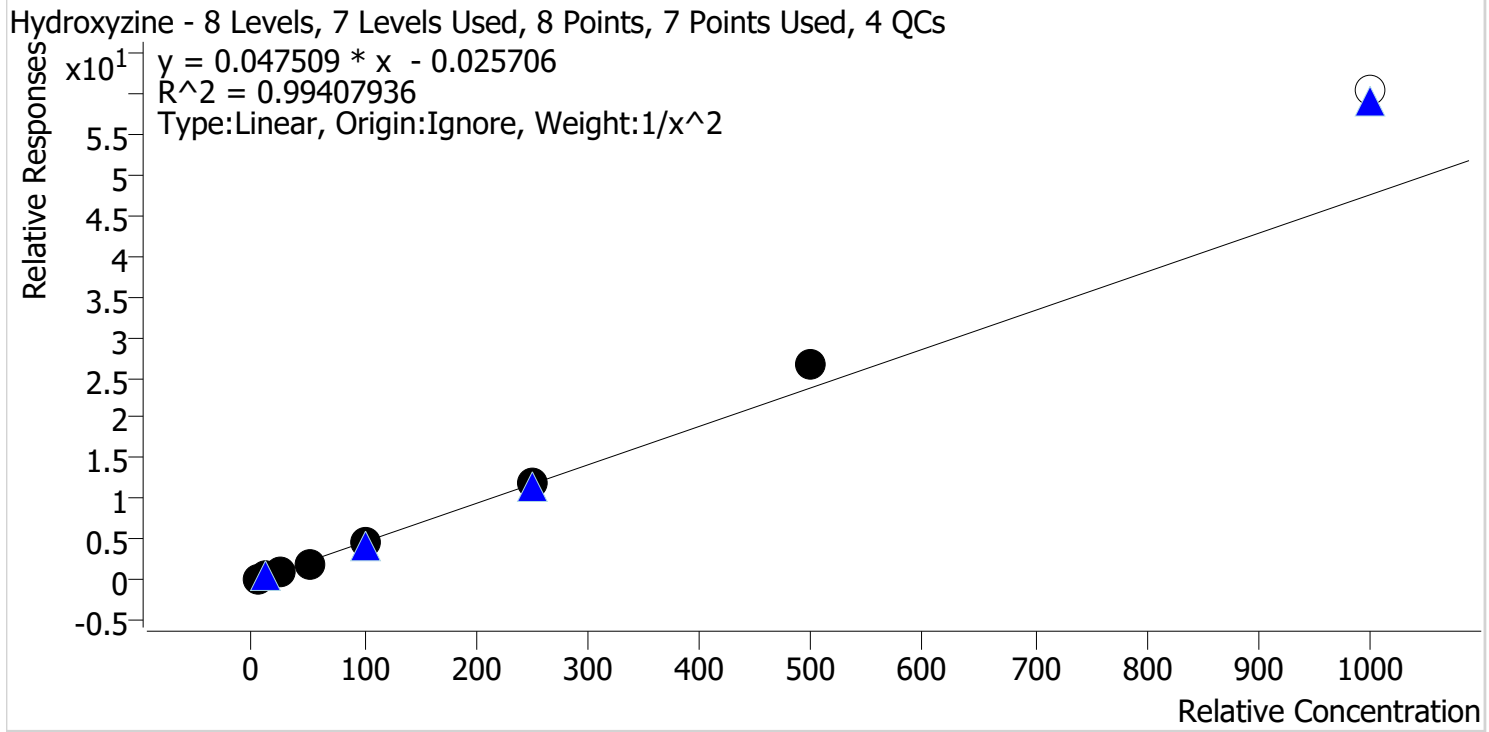
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	503.7	100.7
p1 Cal 8-1000ng	8	✓	1000.0	985.5	98.6

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Hydroxyzine **Internal Standard** Dextromethorphan-D3



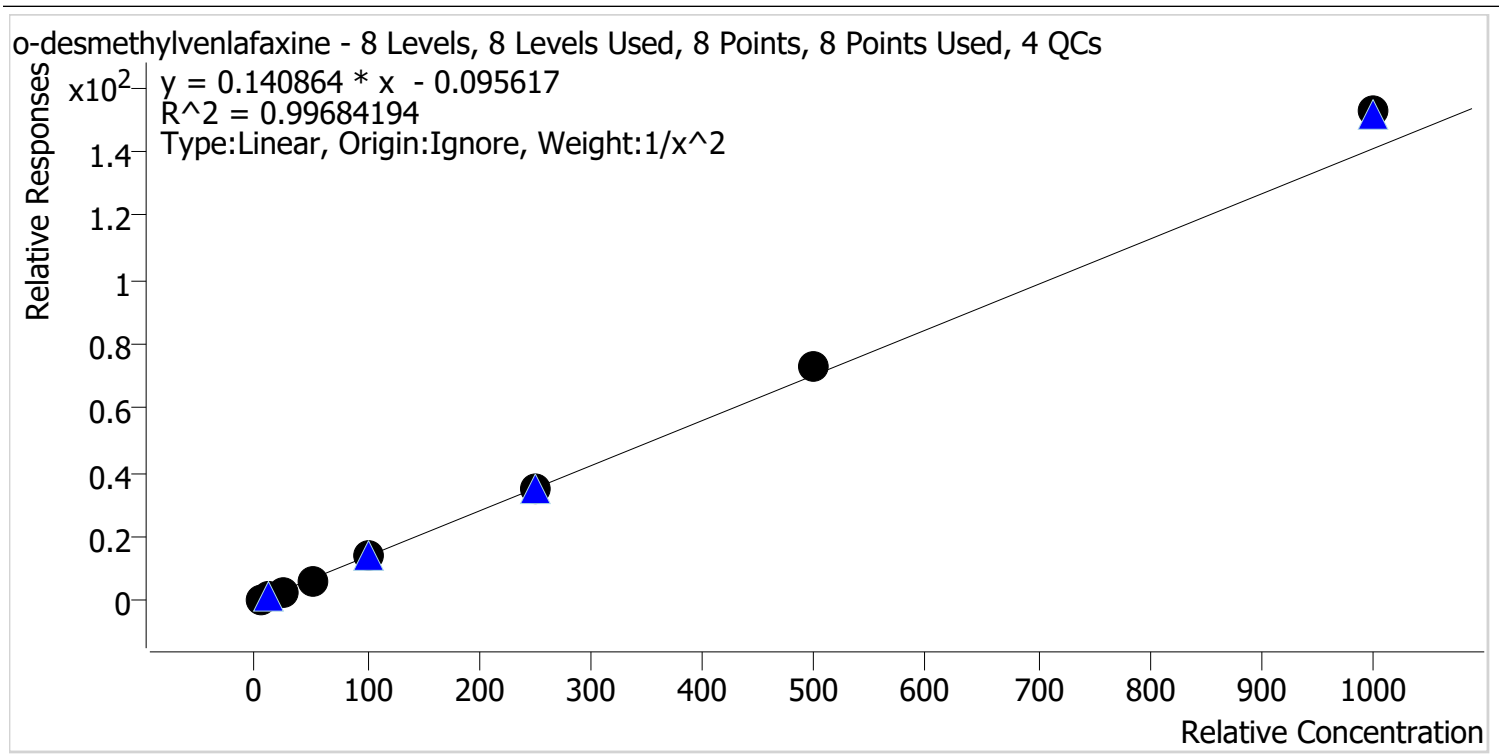
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.8
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	560.0	112.0
p1 Cal 8-1000ng	8	✗	1000.0	1269.8	127.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	46.9	93.9
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	519.2	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1082.5	108.2

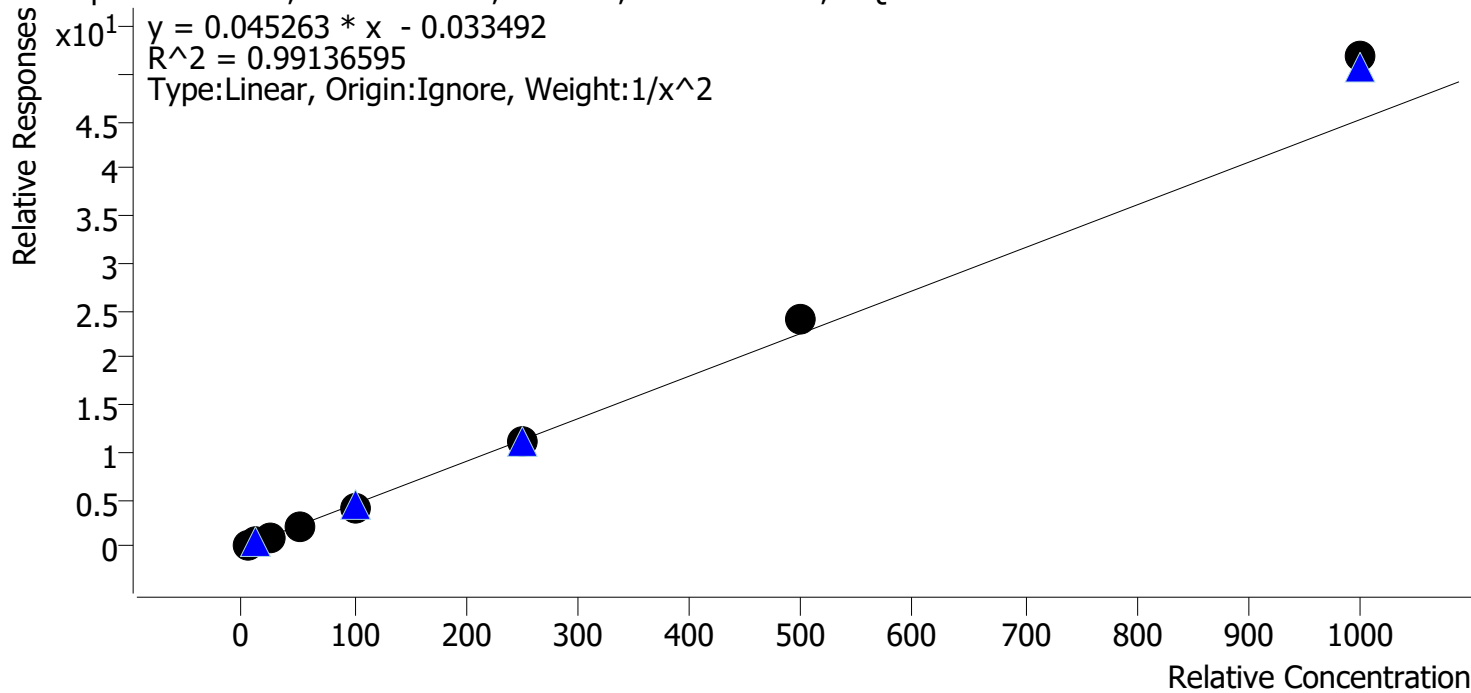
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Olanzapine **Internal Standard** Olanzapine-D8

Olanzapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.8
p1 Cal 2-10ng	2	✓	10.0	9.2	91.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	46.6	93.1
p1 Cal 5-100ng	5	✓	100.0	94.8	94.8
p1 Cal 6-250ng	6	✓	250.0	243.9	97.6
p1 Cal 7-500ng	7	✓	500.0	532.3	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1147.4	114.7



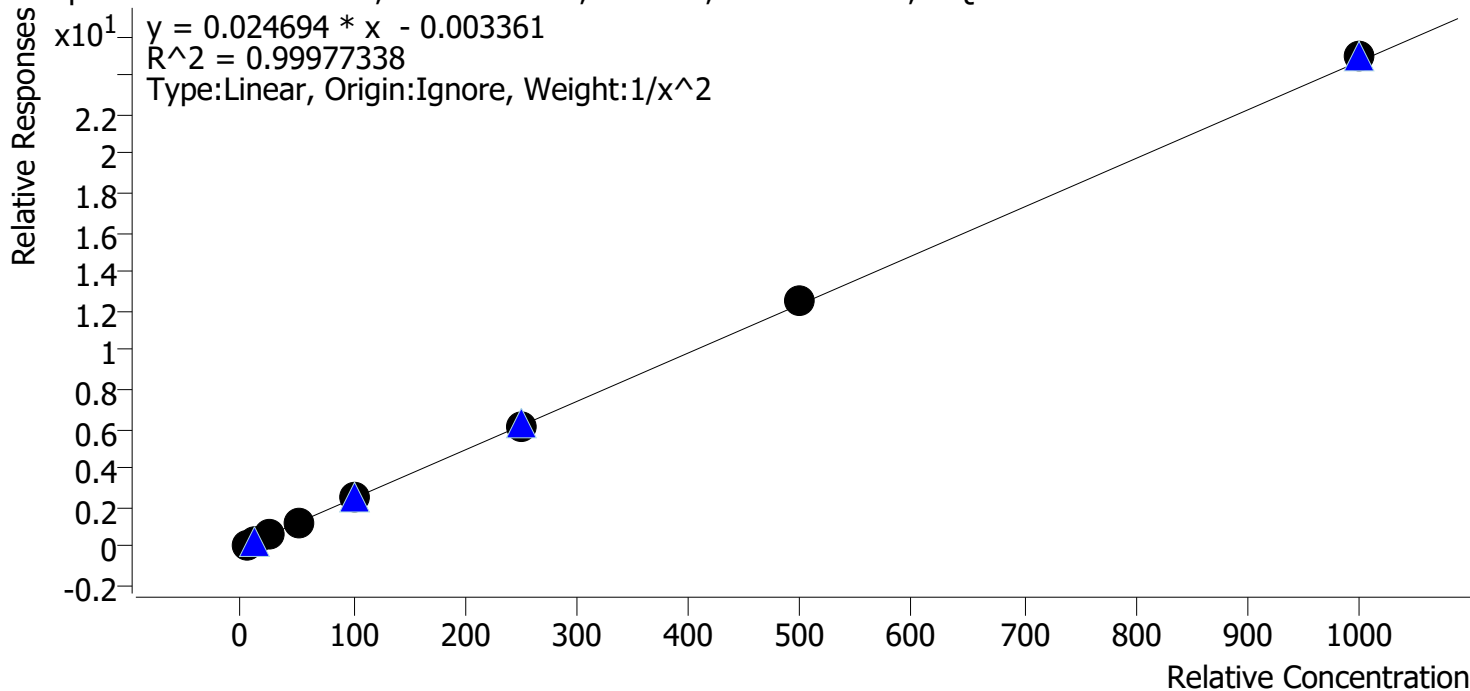
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

Chlorpheniramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	510.4	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1010.0	101.0

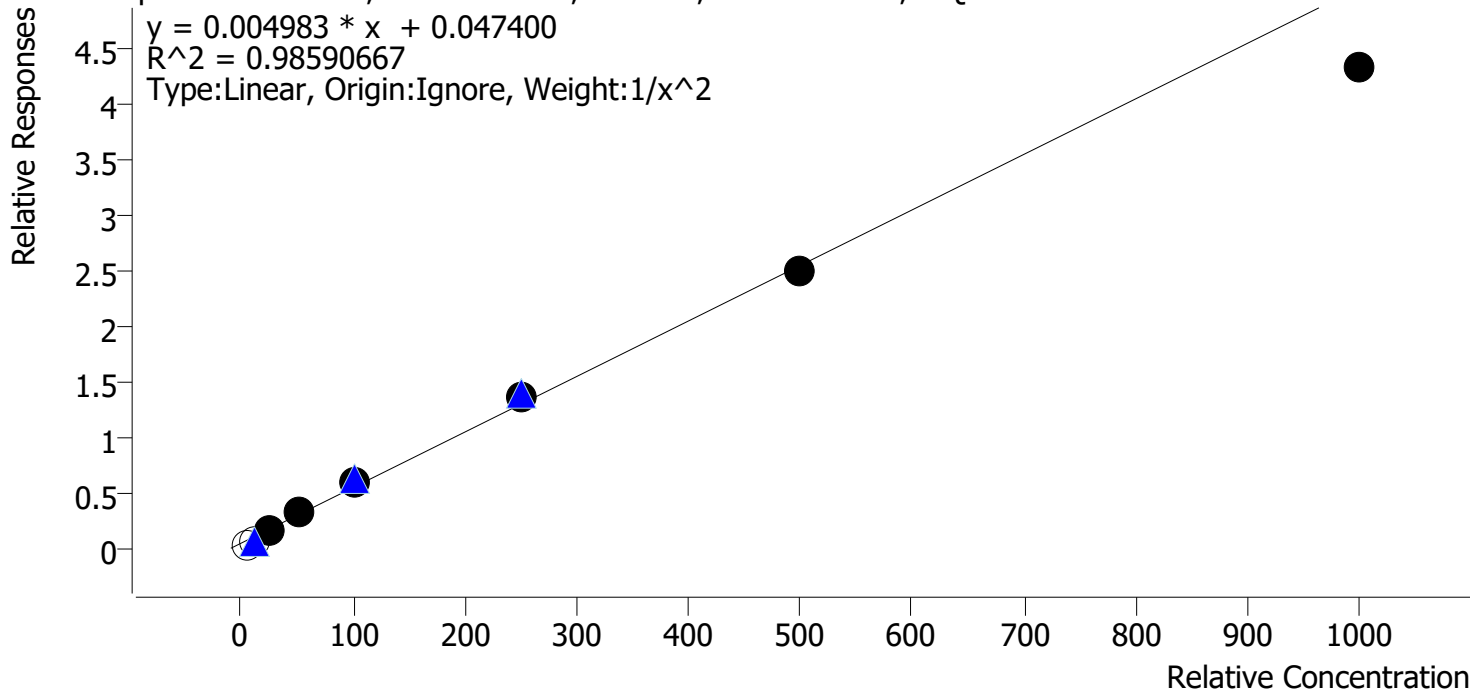
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5

Chlordiazepoxide - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	0.0	0.0
p1 Cal 2-10ng	2	x	10.0	3.3	32.8
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	110.3	110.3
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	854.7	85.5

Compound not evaluated due to ratios.

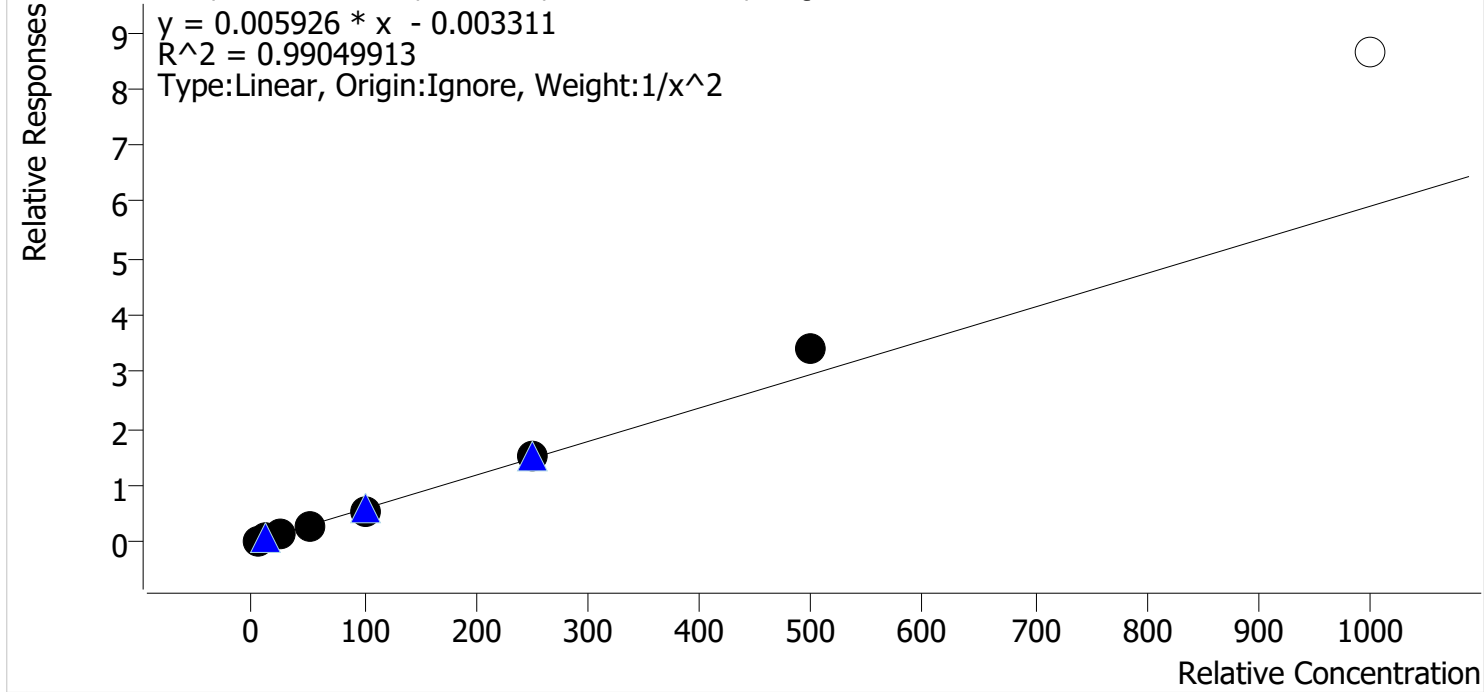
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** DMT **Internal Standard** Dextromethorphan-D3

DMT - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



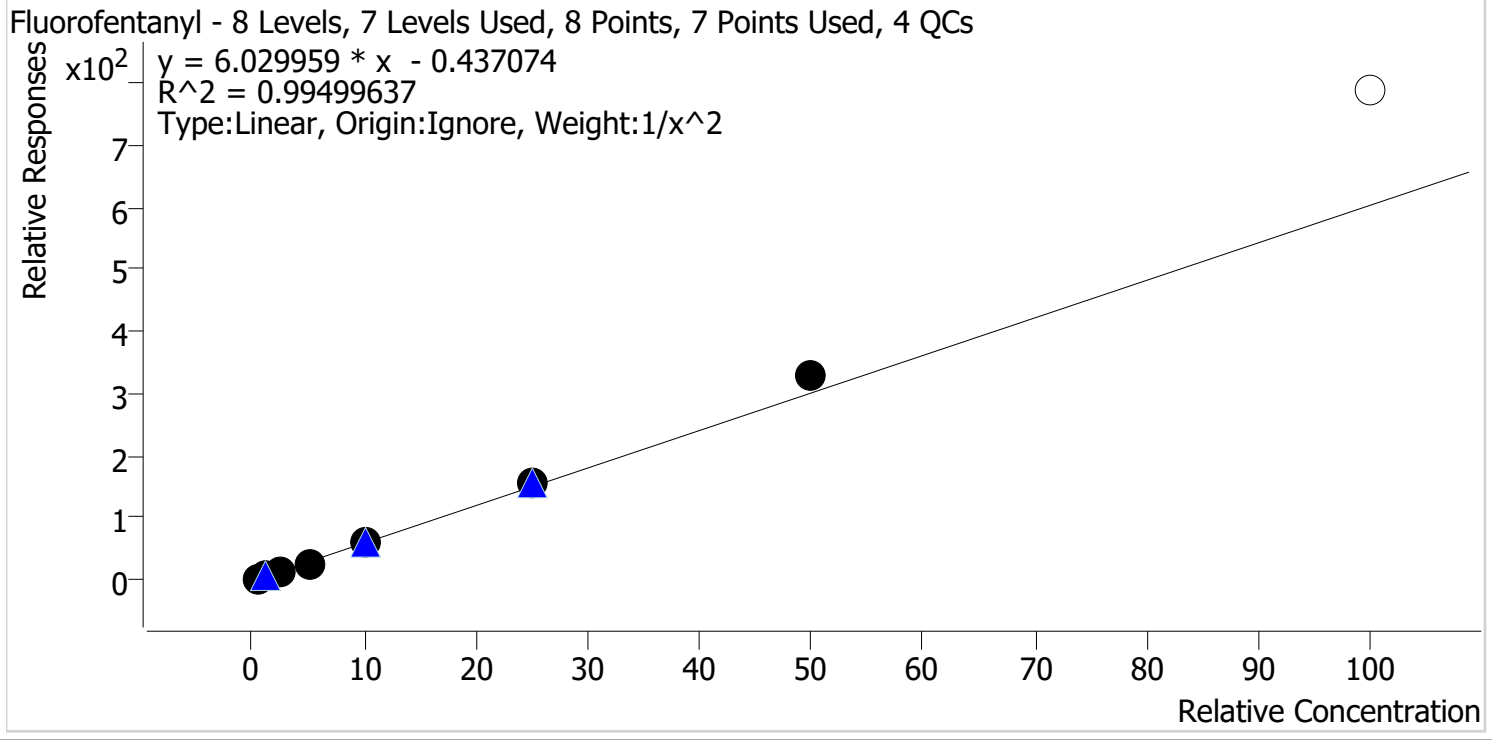
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.7
p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	575.4	115.1
p1 Cal 8-1000ng	8	✗	1000.0	1457.0	145.7

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.6
p1 Cal 2-10ng	2	✓	1.0	1.0	98.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.5
p1 Cal 4-50ng	4	✓	5.0	4.6	92.6
p1 Cal 5-100ng	5	✓	10.0	10.0	100.1
p1 Cal 6-250ng	6	✓	25.0	26.1	104.6
p1 Cal 7-500ng	7	✓	50.0	54.4	108.7
p1 Cal 8-1000ng	8	✗	100.0	130.6	130.6

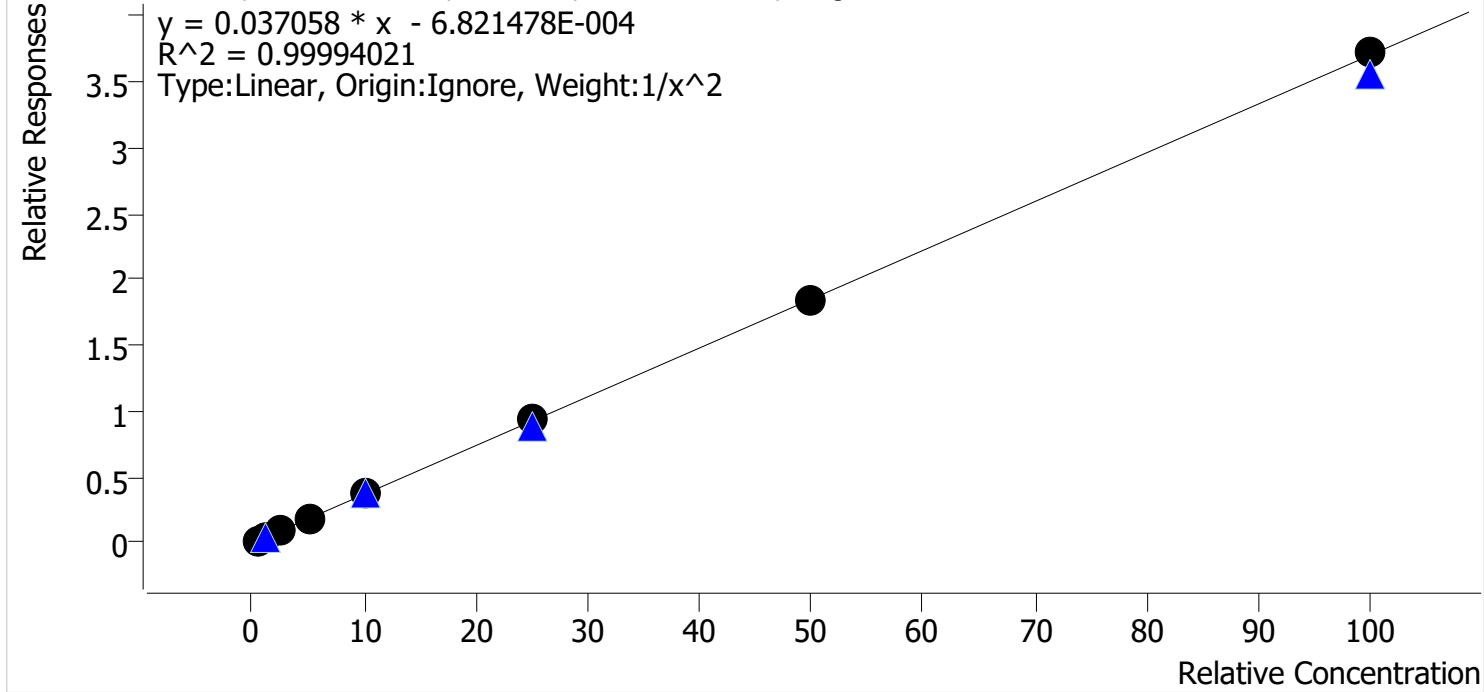
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** 6-MAM **Internal Standard** 6-MAM-D6

6-MAM - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.3
p1 Cal 2-10ng	2	✓	1.0	1.0	99.8
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.0
p1 Cal 4-50ng	4	✓	5.0	5.0	99.9
p1 Cal 5-100ng	5	✓	10.0	10.0	99.5
p1 Cal 6-250ng	6	✓	25.0	25.3	101.2
p1 Cal 7-500ng	7	✓	50.0	49.8	99.7
p1 Cal 8-1000ng	8	✓	100.0	100.5	100.5

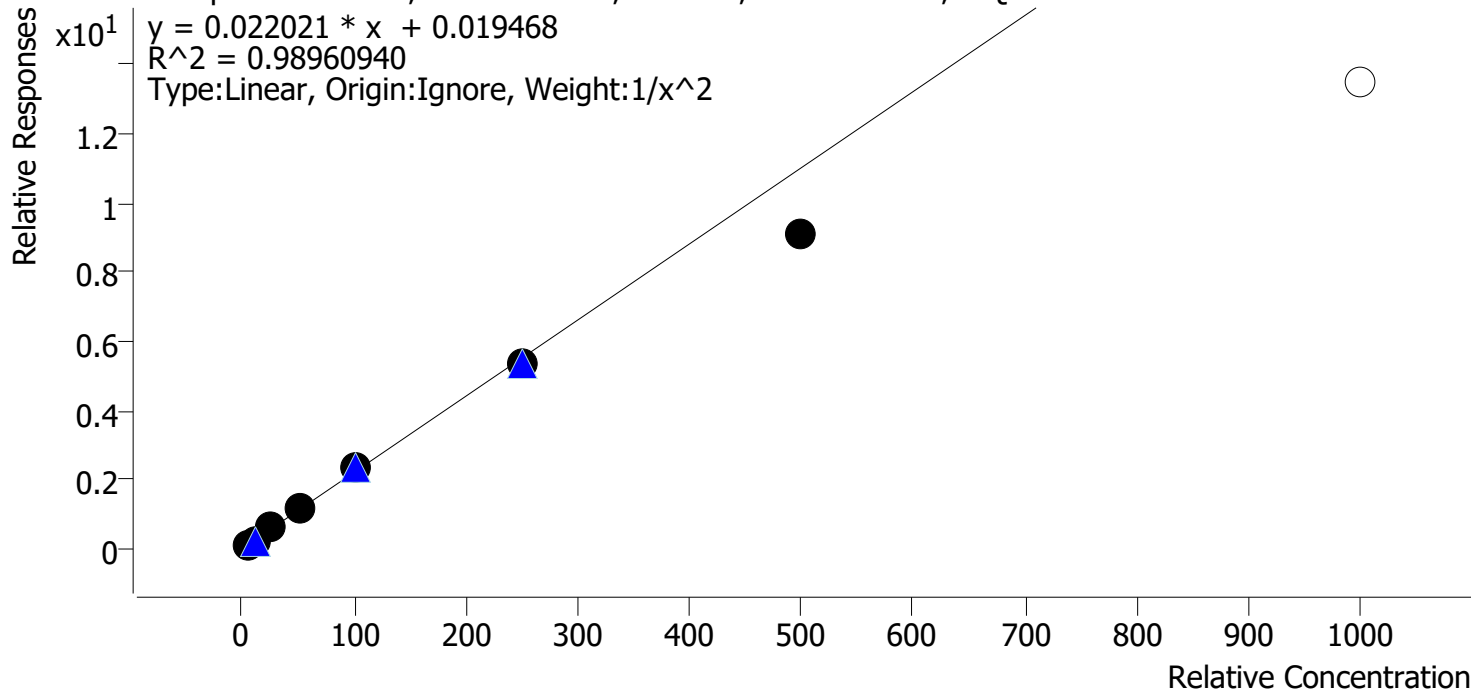
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	243.9	97.5
p1 Cal 7-500ng	7	✓	500.0	415.5	83.1
p1 Cal 8-1000ng	8	✗	1000.0	610.4	61.0

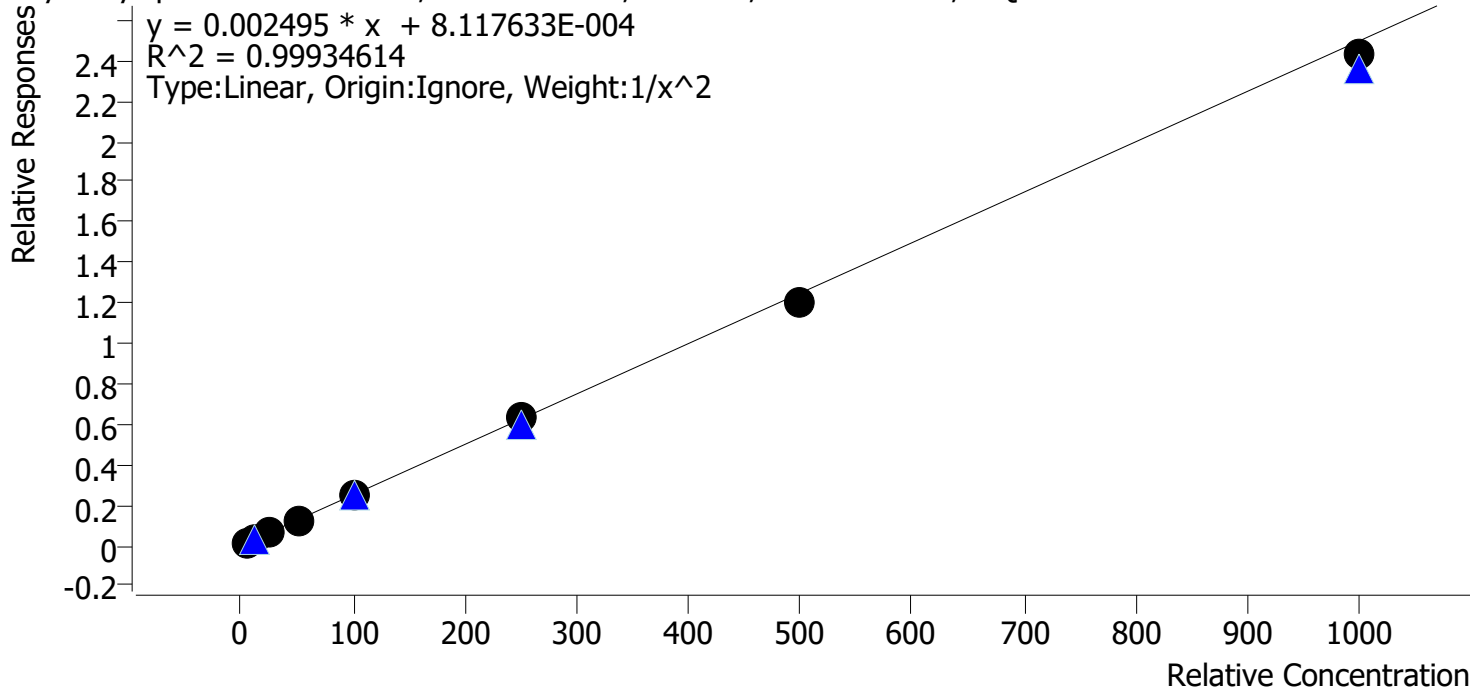
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** a-hydroxyalprazolam **Internal Standard** Temazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	484.8	97.0
p1 Cal 8-1000ng	8	✓	1000.0	973.0	97.3

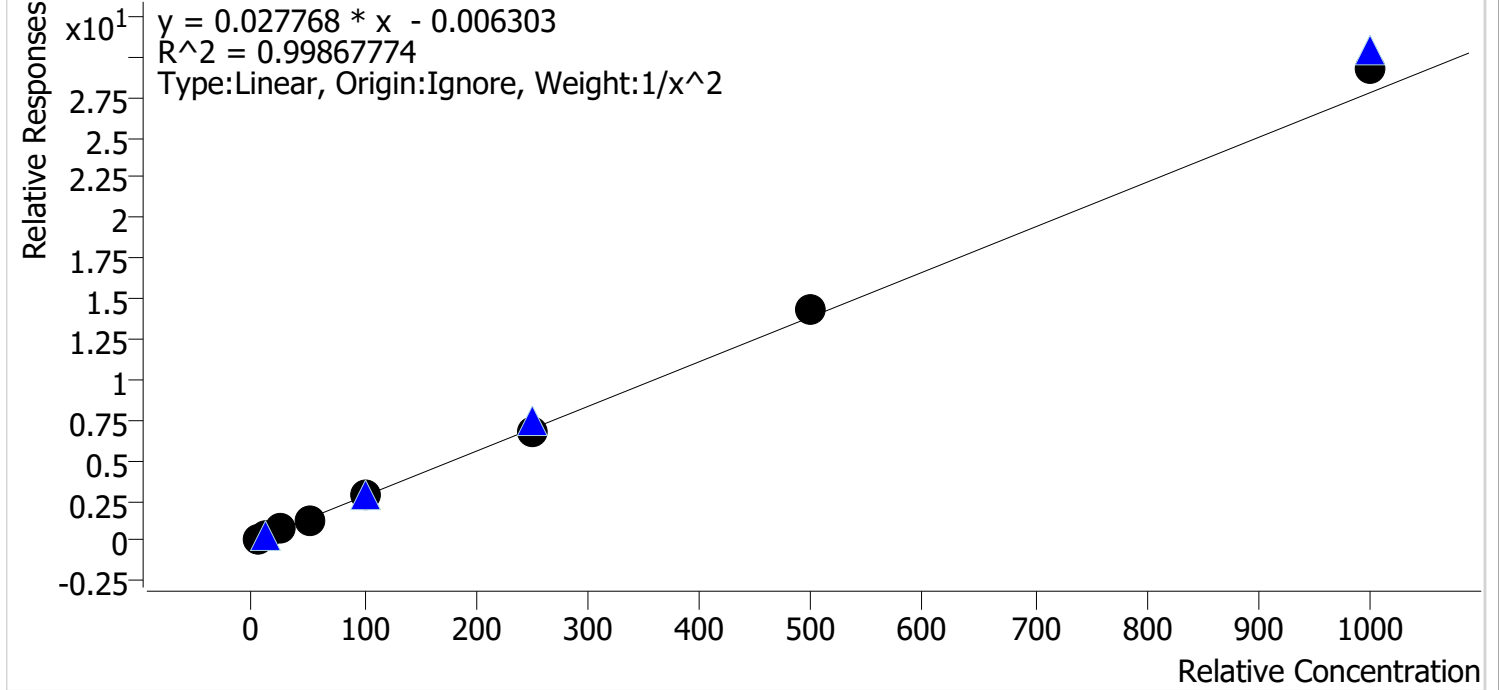
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** alpha-PVP **Internal Standard** alpha-PVP-D8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1057.9	105.8



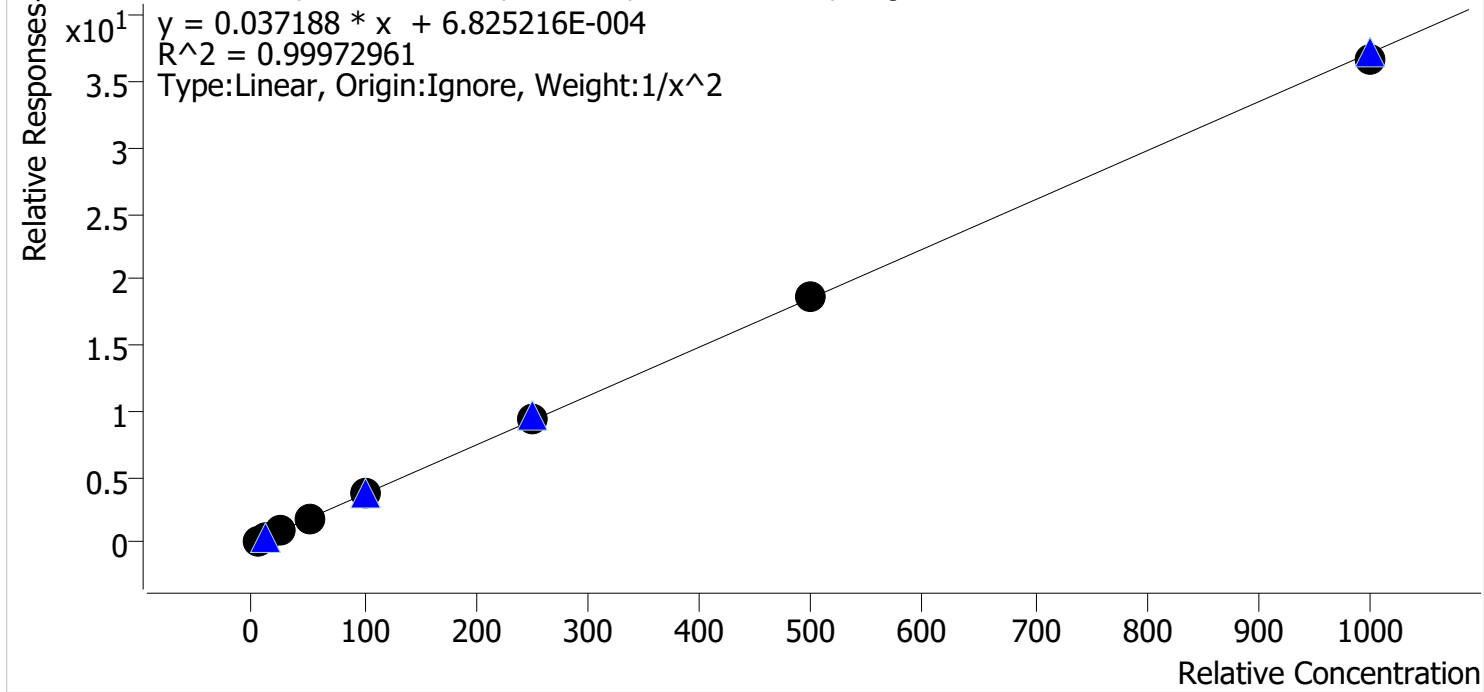
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	505.9	101.2
p1 Cal 8-1000ng	8	✓	1000.0	983.1	98.3

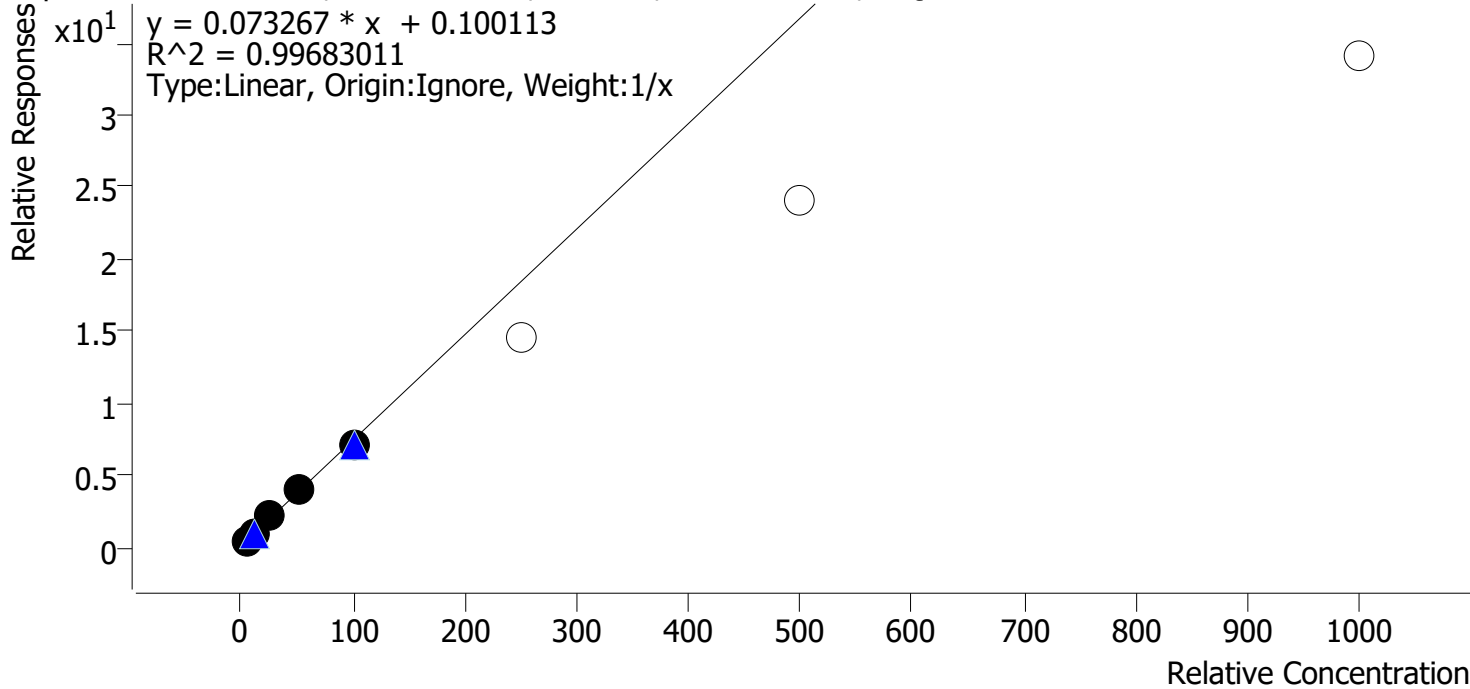
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	90.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✗	250.0	198.7	79.5
p1 Cal 7-500ng	7	✗	500.0	327.7	65.5
p1 Cal 8-1000ng	8	✗	1000.0	463.6	46.4

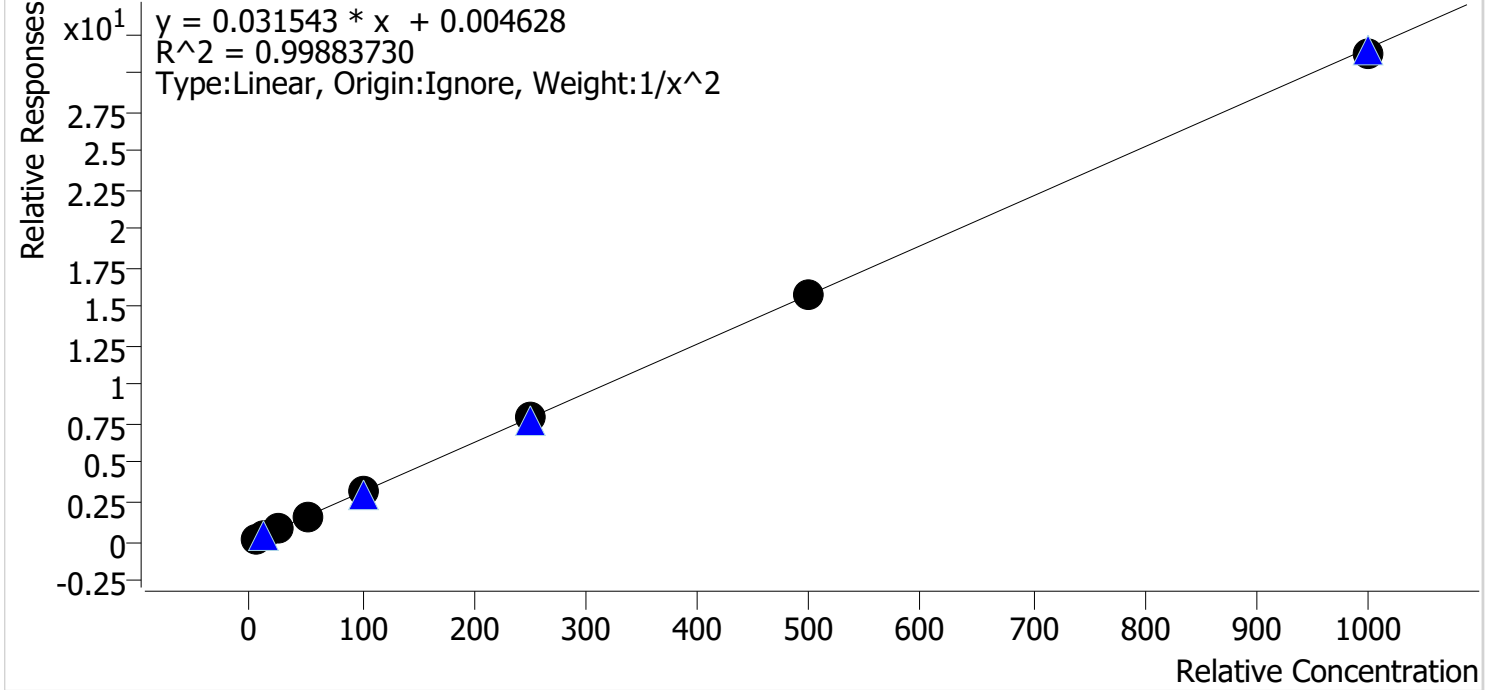
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

Benzoylecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	47.5	95.1
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	991.7	99.2

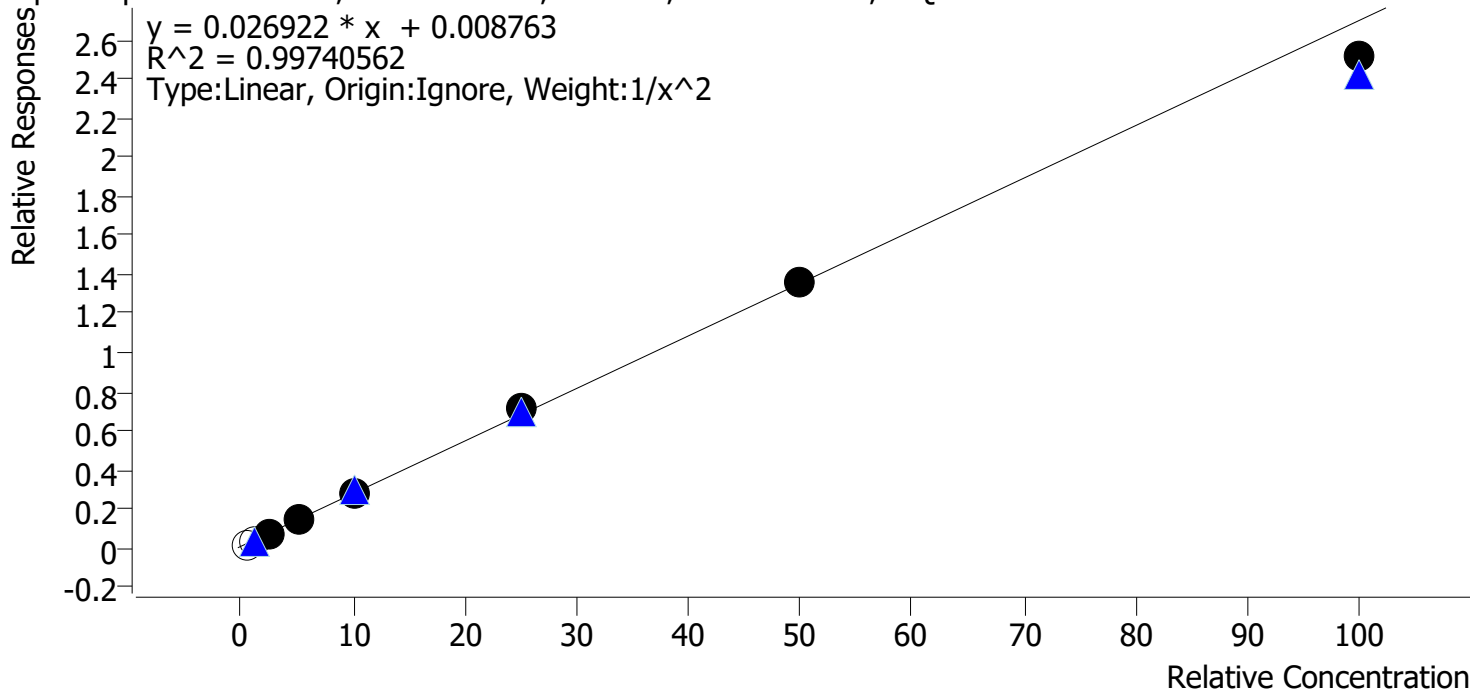
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# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



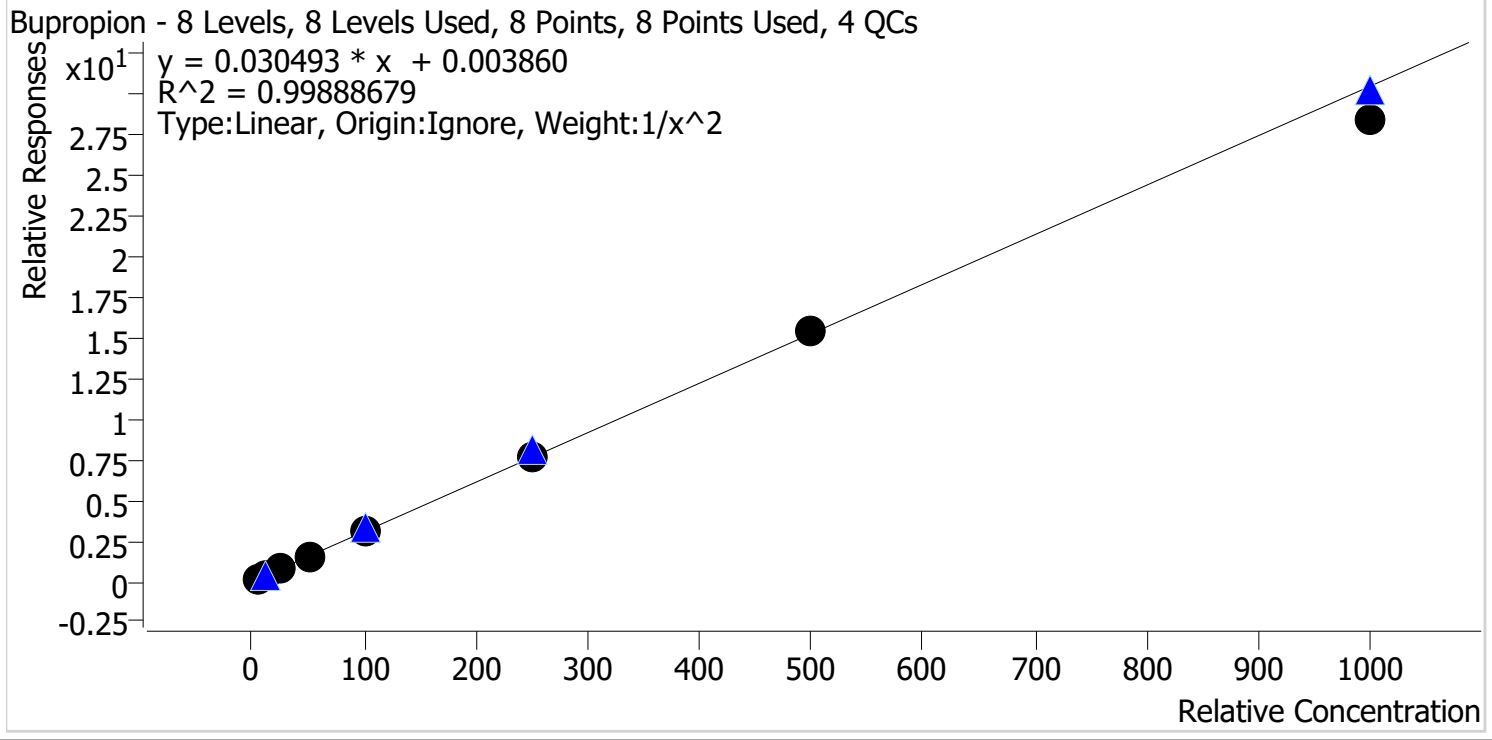
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.3	51.9
p1 Cal 2-10ng	2	x	1.0	0.9	85.4
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.8
p1 Cal 4-50ng	4	✓	5.0	5.0	100.6
p1 Cal 5-100ng	5	✓	10.0	10.2	102.4
p1 Cal 6-250ng	6	✓	25.0	26.3	105.4
p1 Cal 7-500ng	7	✓	50.0	49.9	99.8
p1 Cal 8-1000ng	8	✓	100.0	93.1	93.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	935.0	93.5

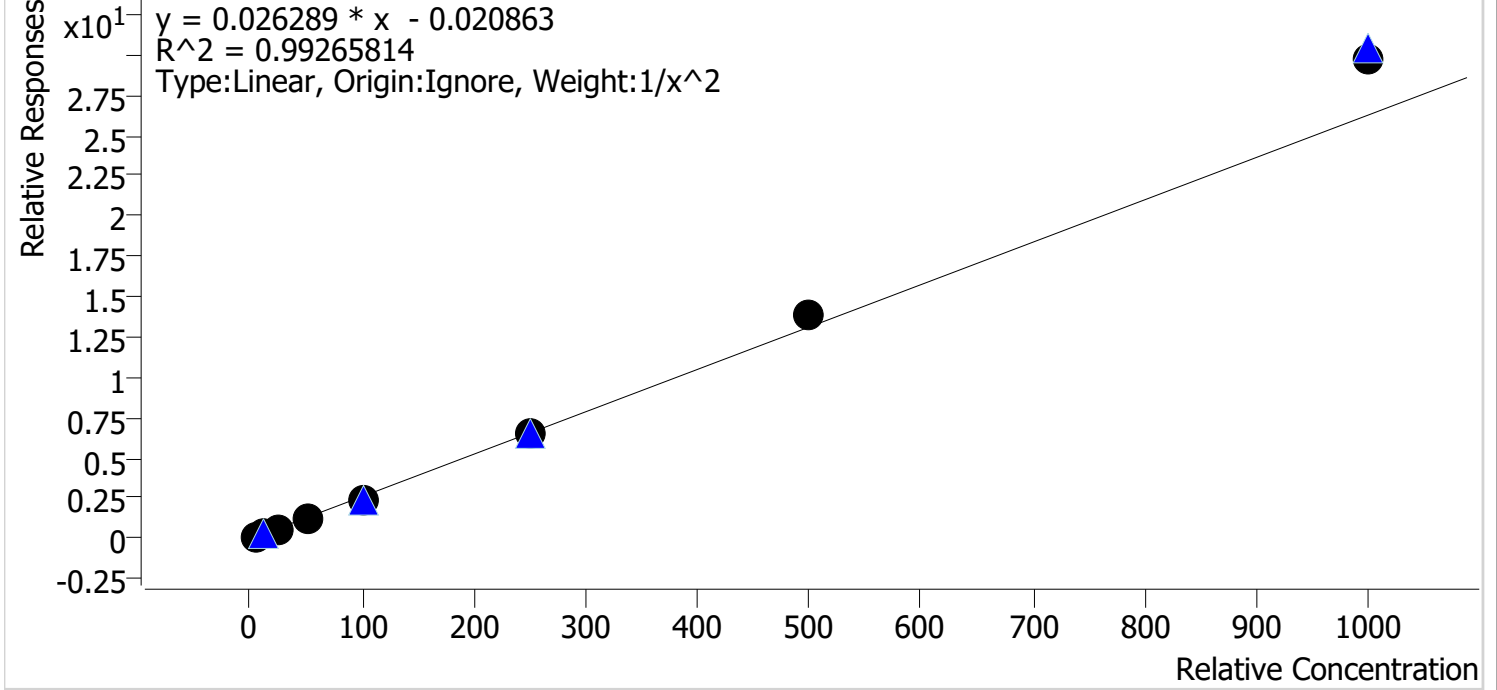
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	45.5	90.9
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	529.0	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1131.9	113.2

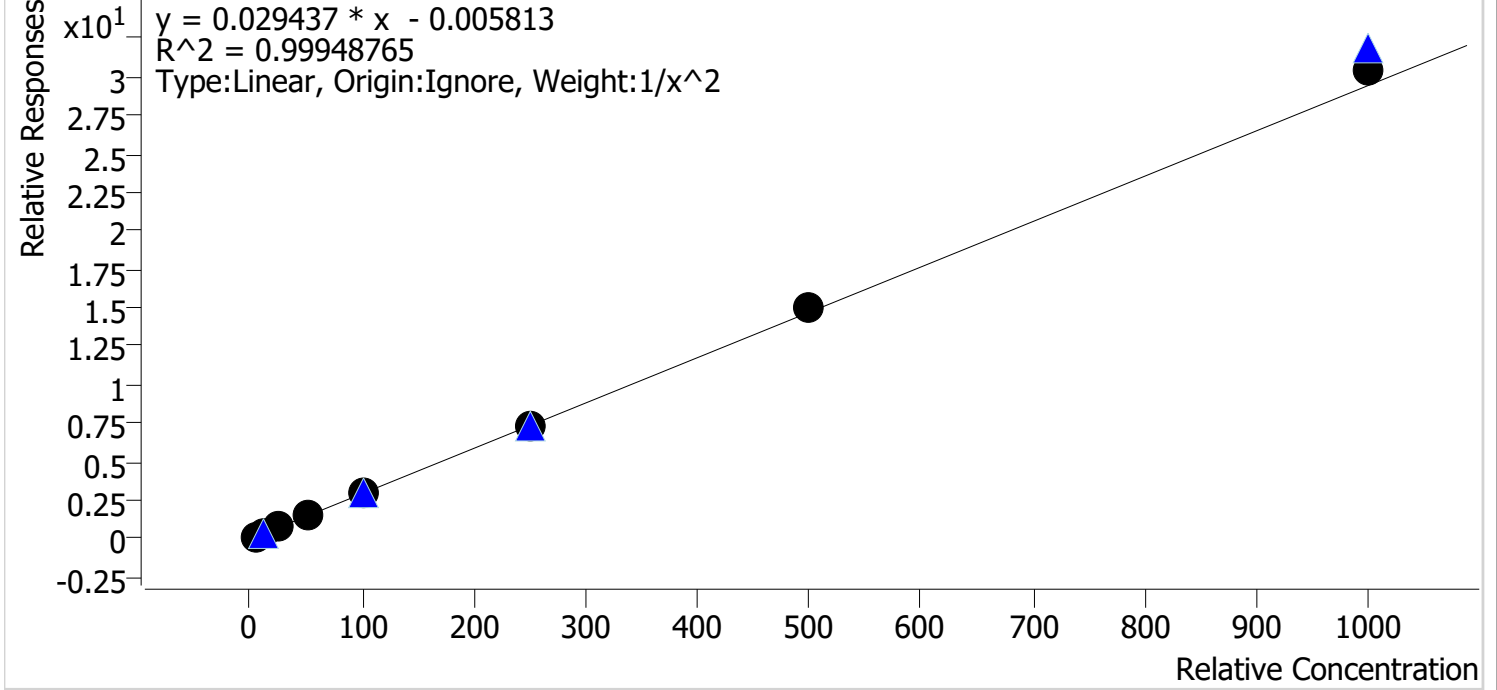
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



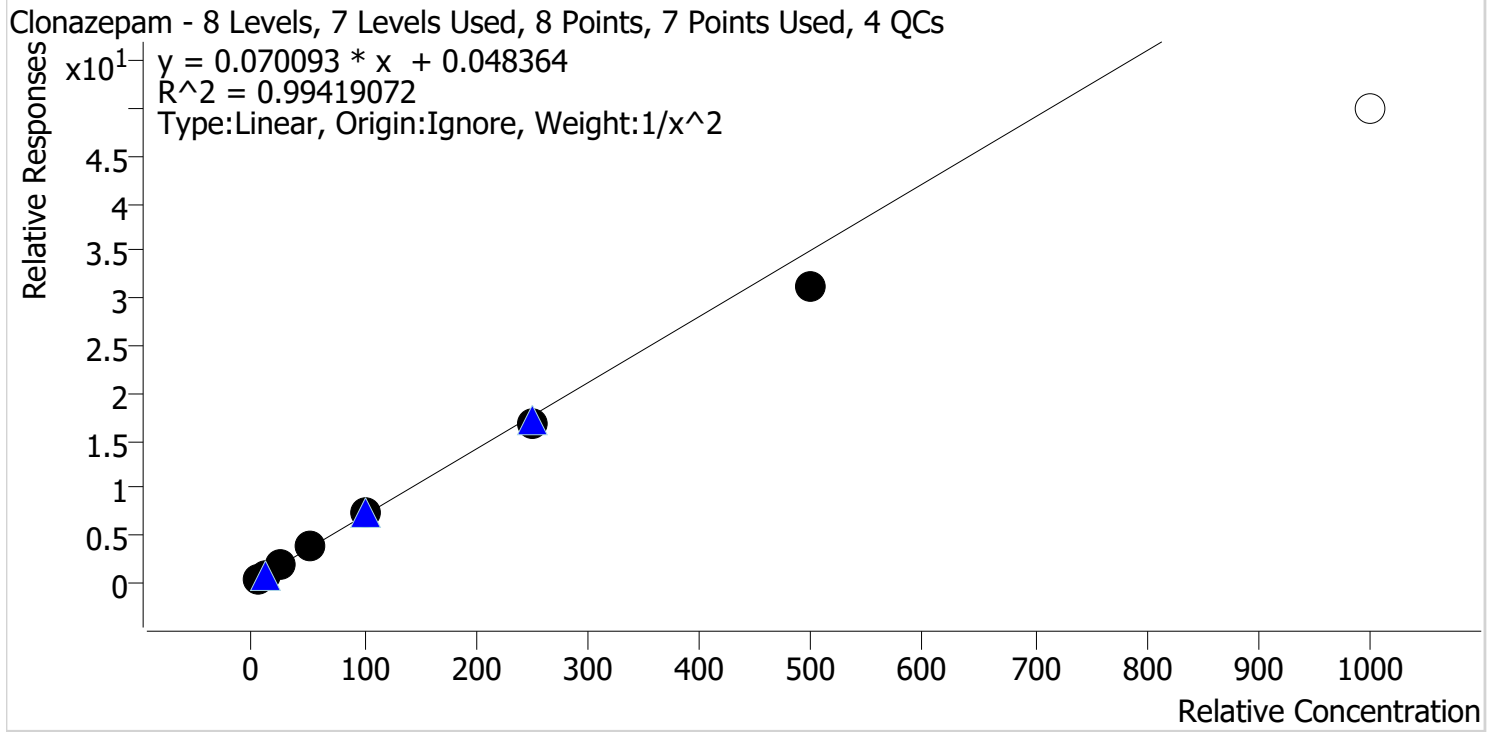
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1030.0	103.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	240.5	96.2
p1 Cal 7-500ng	7	✓	500.0	442.3	88.5
p1 Cal 8-1000ng	8	✗	1000.0	712.2	71.2



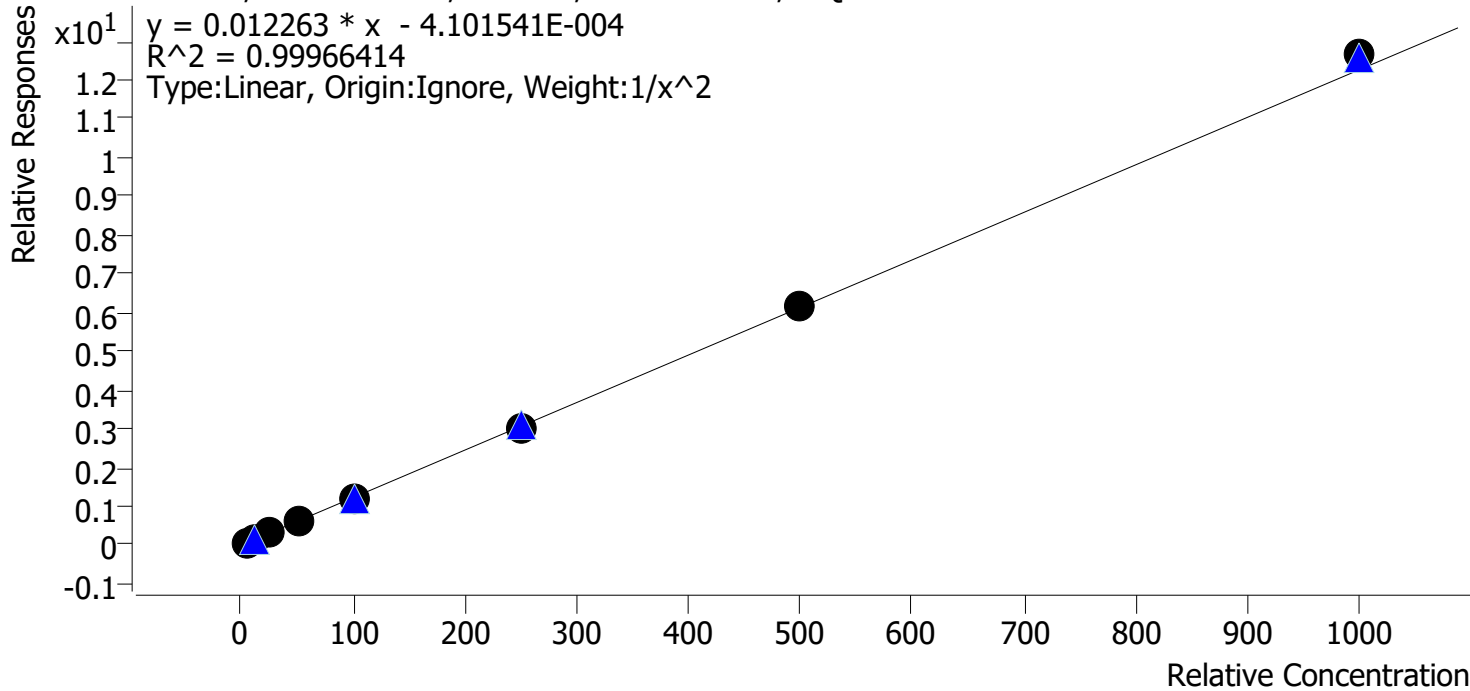
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Cocaine **Internal Standard** Cocaine-D3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	503.6	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1032.0	103.2

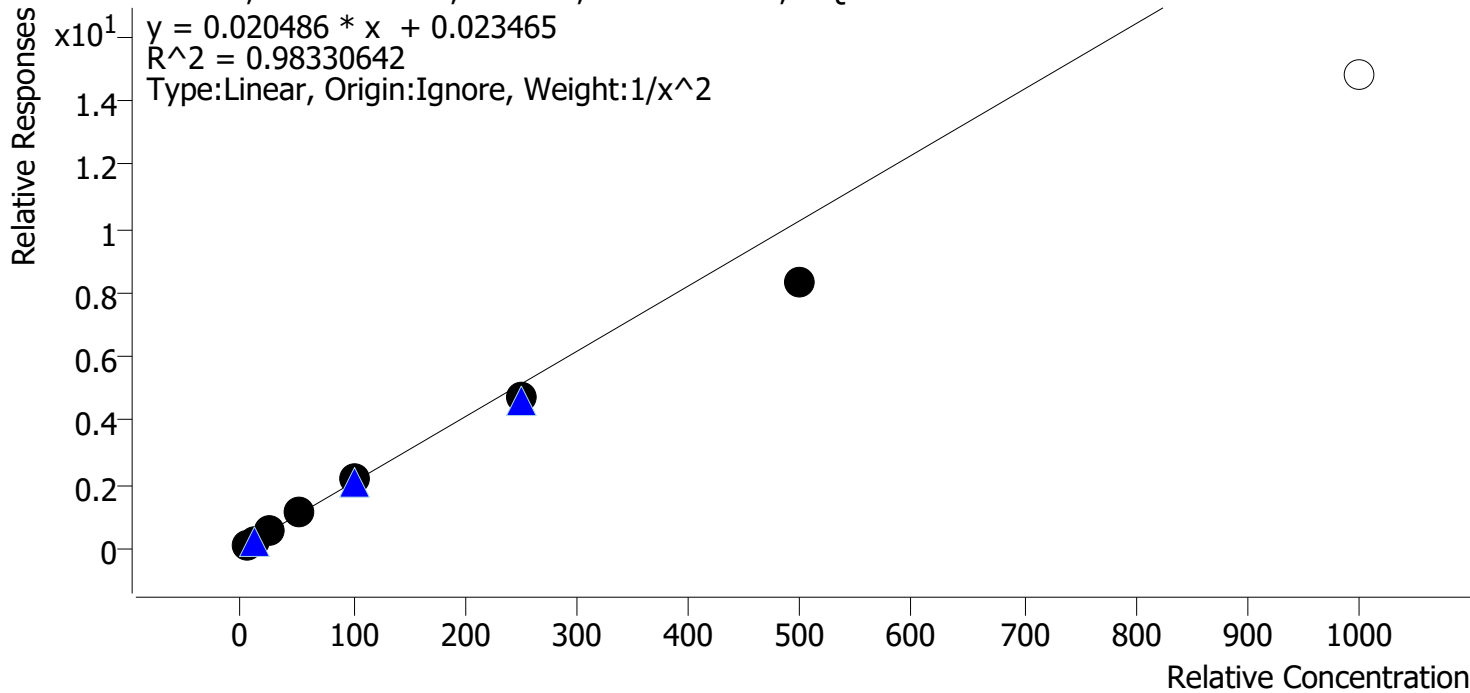
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	28.2	112.7
p1 Cal 4-50ng	4	✓	50.0	55.6	111.2
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	231.8	92.7
p1 Cal 7-500ng	7	✓	500.0	407.1	81.4
p1 Cal 8-1000ng	8	✗	1000.0	725.2	72.5

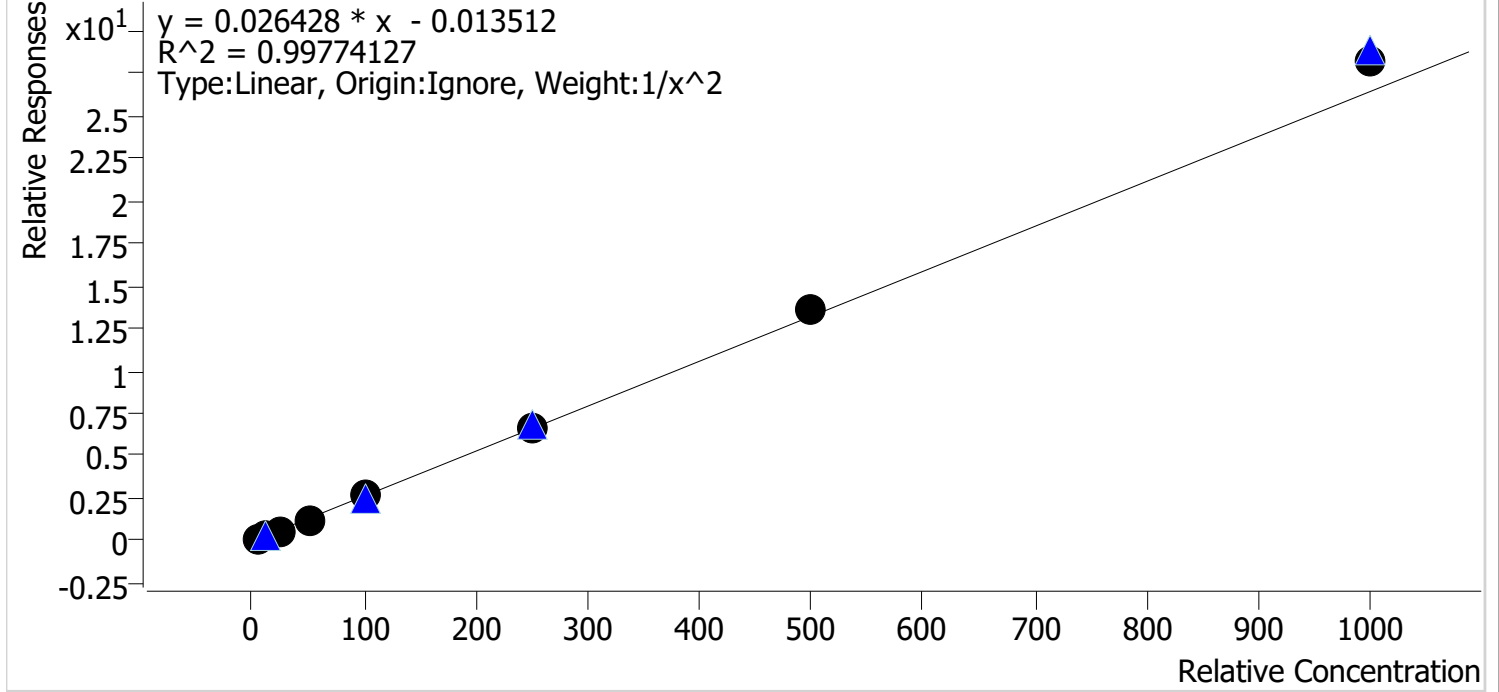
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



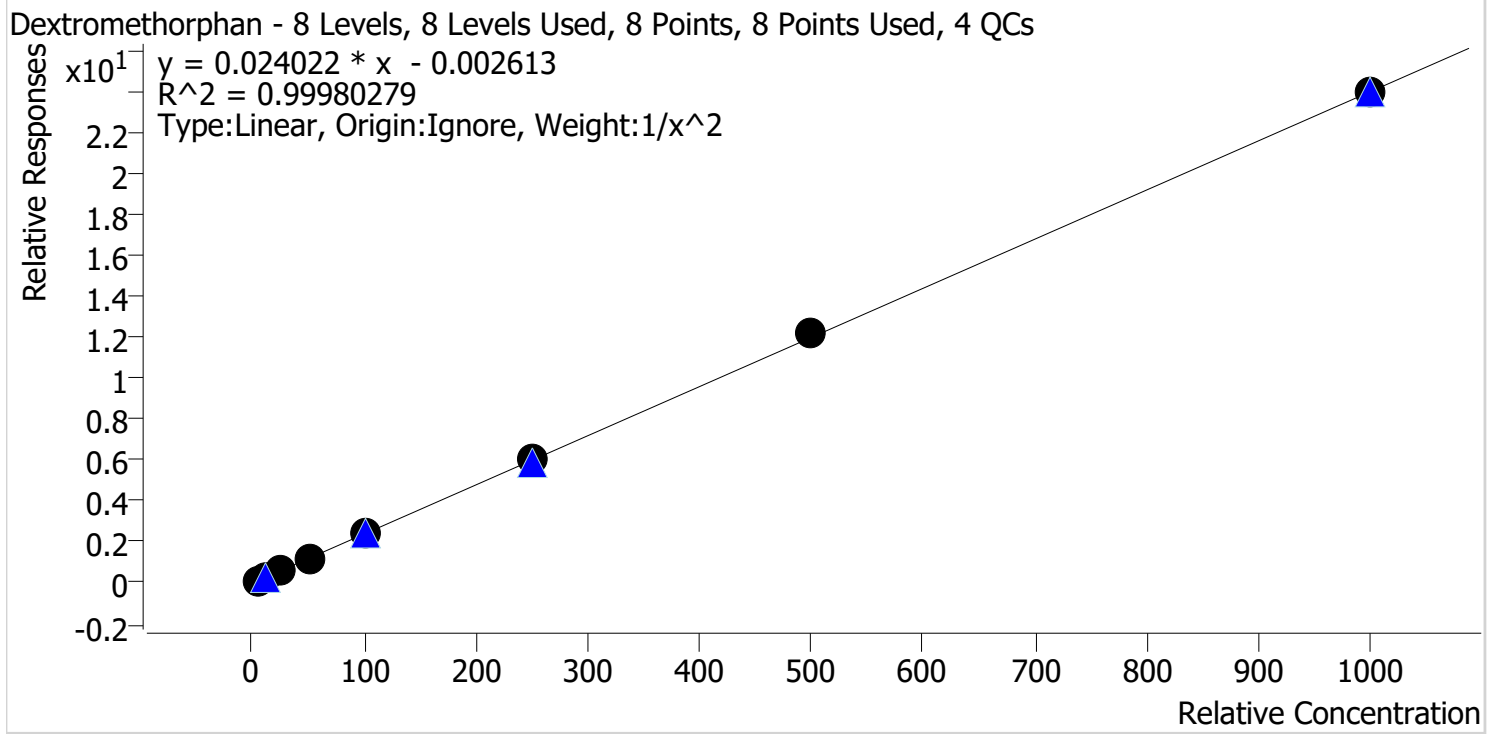
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	250.1	100.1
p1 Cal 7-500ng	7	✓	500.0	518.6	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1065.7	106.6

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Dextromethorphan **Internal Standard** Dextromethorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	511.5	102.3
p1 Cal 8-1000ng	8	✓	1000.0	998.1	99.8

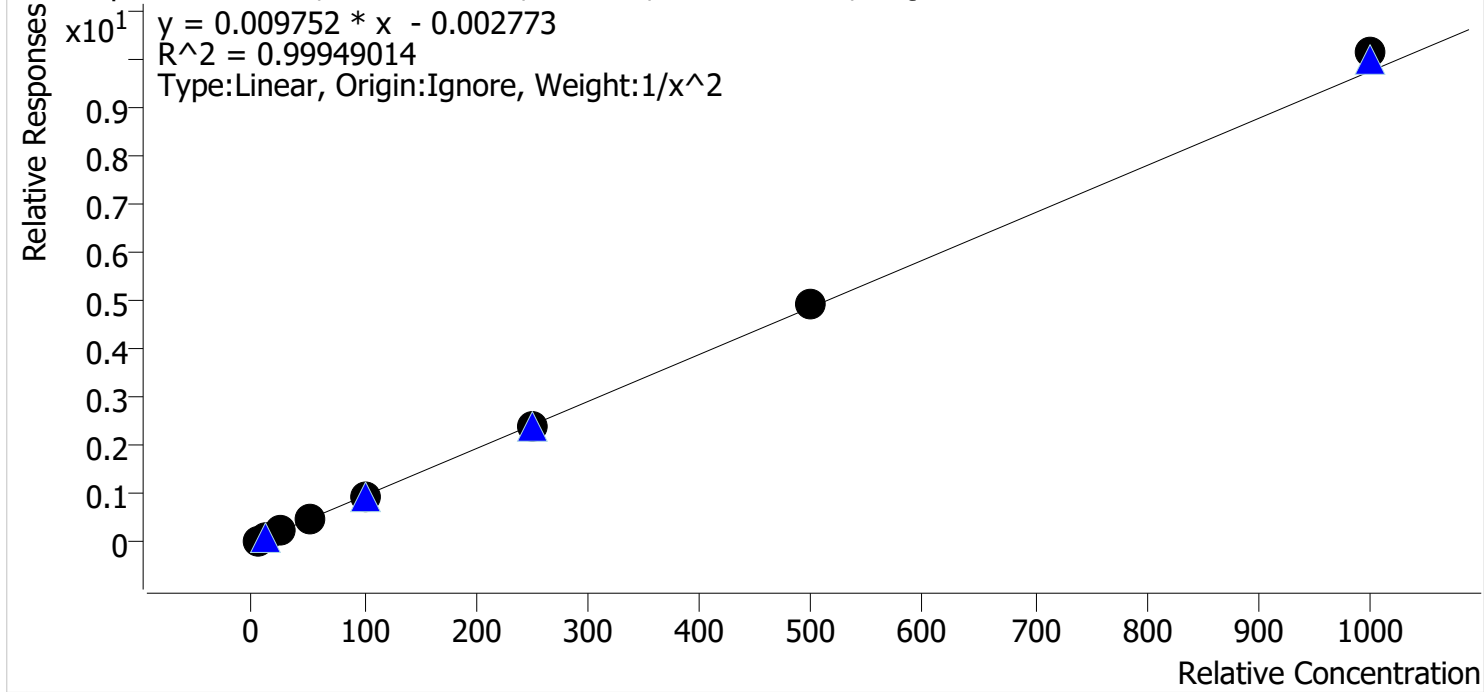
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Dextrorphan Internal Standard Dextrorphan-D3

Dextrorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



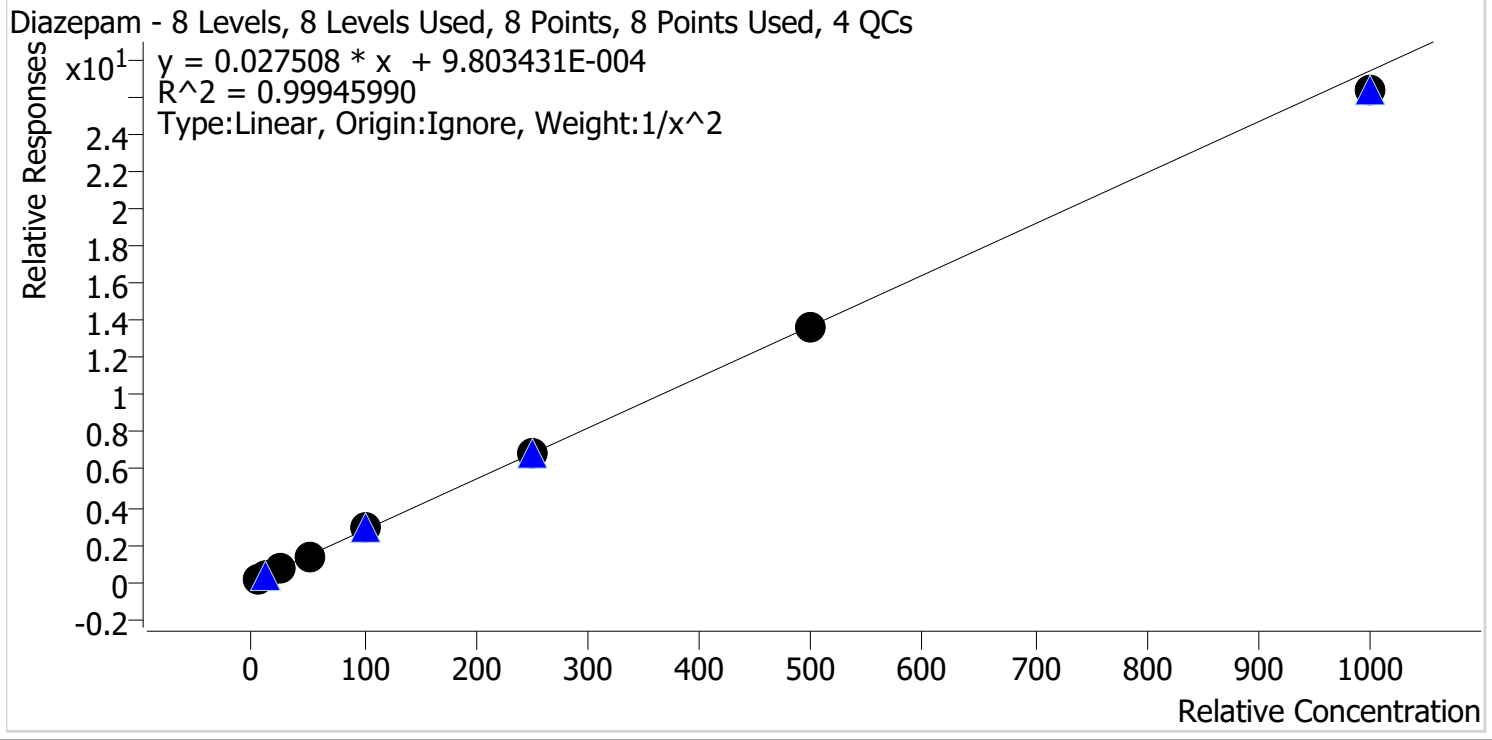
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1039.6	104.0

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Diazepam **Internal Standard** Diazepam-D5



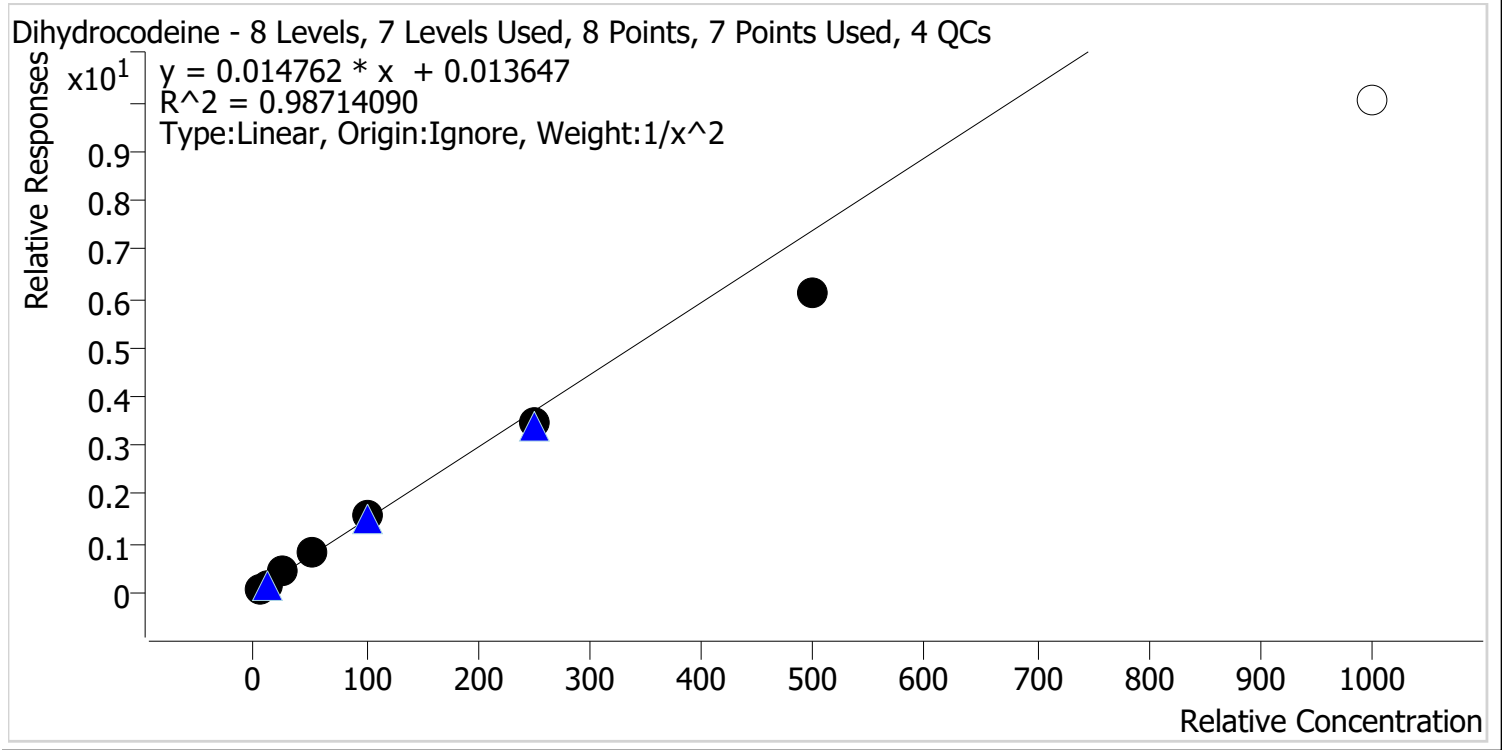
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	961.1	96.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	236.2	94.5
p1 Cal 7-500ng	7	✓	500.0	413.8	82.8
p1 Cal 8-1000ng	8	✗	1000.0	678.6	67.9

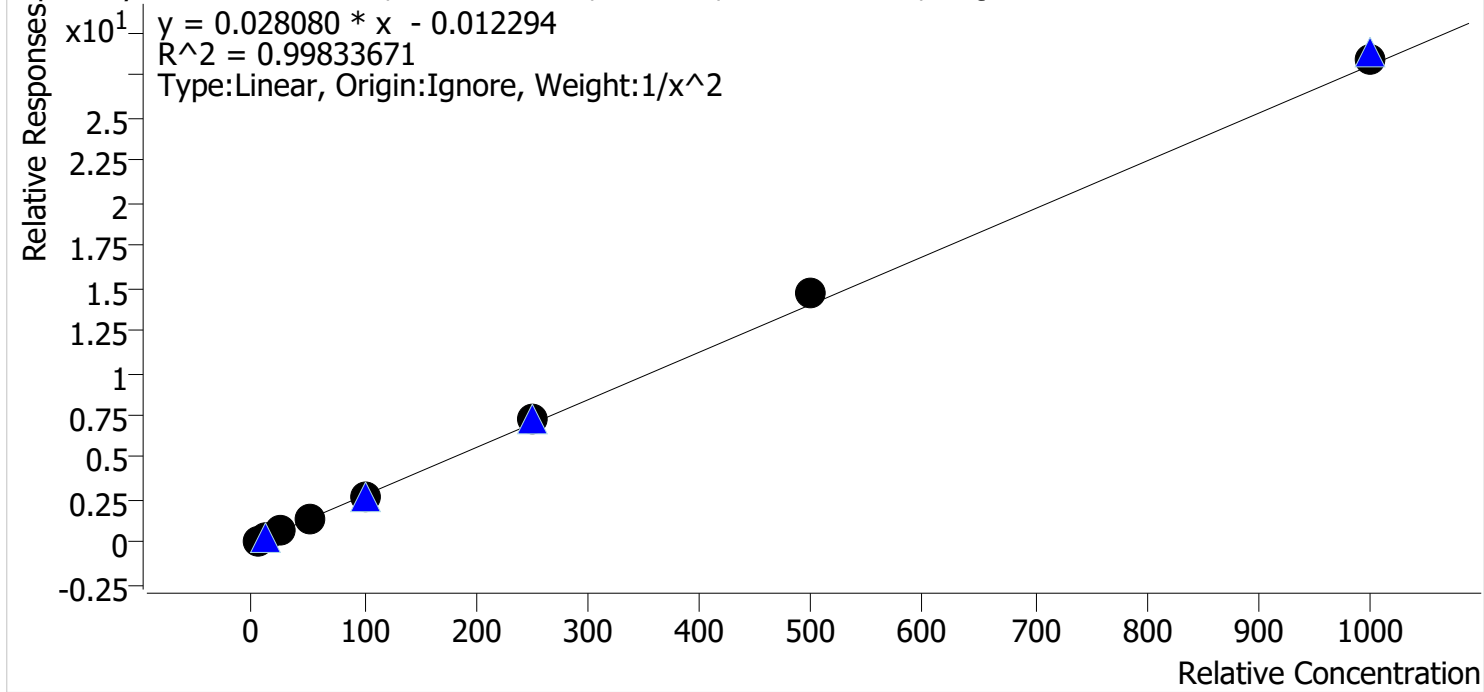
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	521.0	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1014.5	101.5

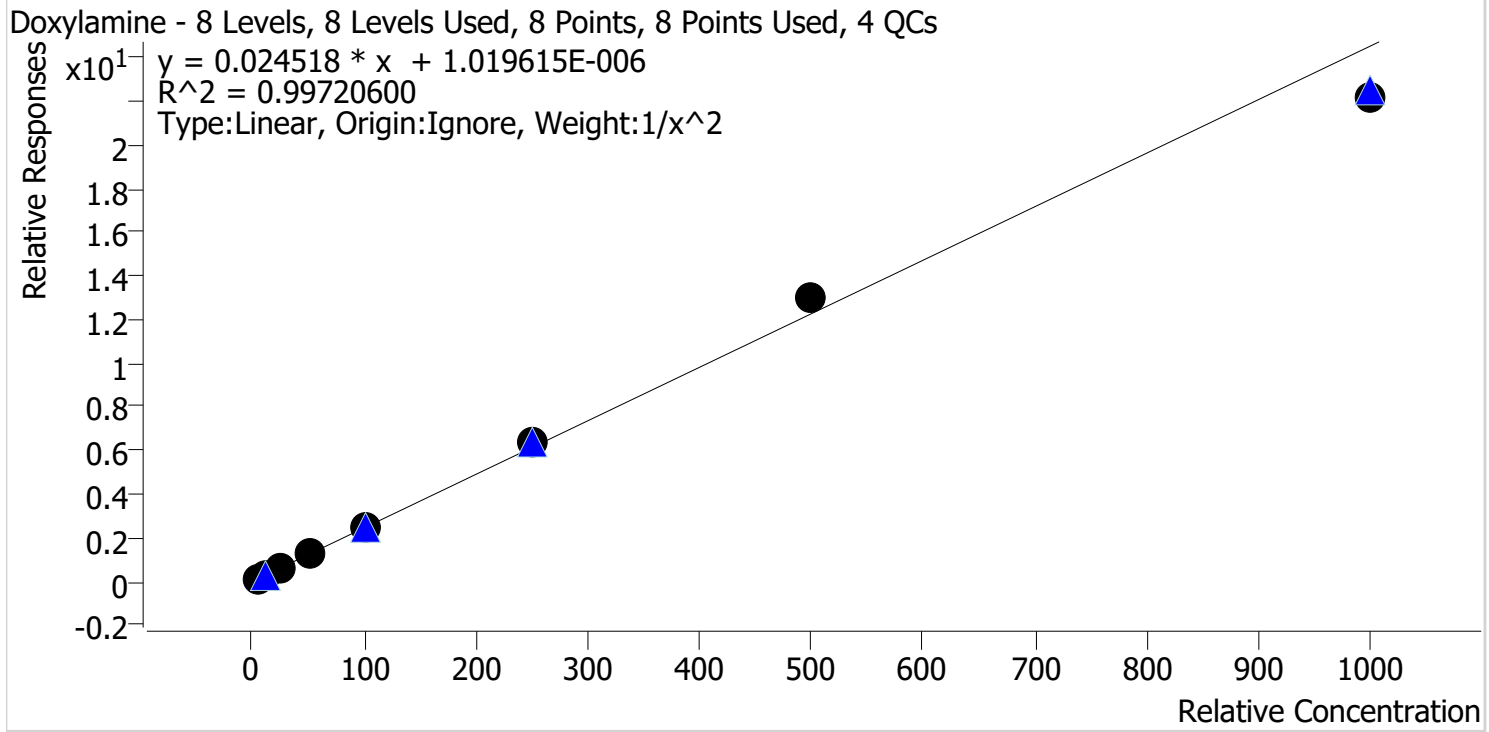


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	262.2	104.9
p1 Cal 7-500ng	7	✓	500.0	527.0	105.4
p1 Cal 8-1000ng	8	✓	1000.0	905.7	90.6

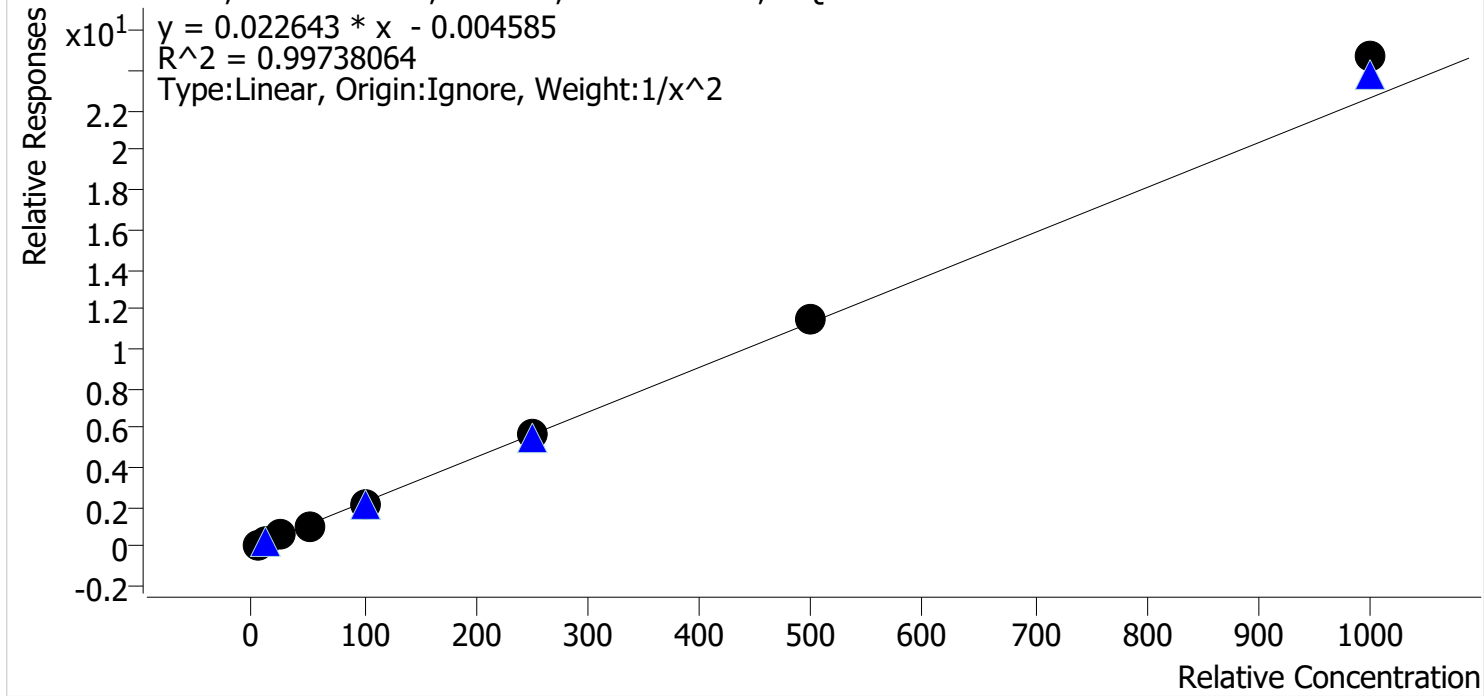
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** EDDP **Internal Standard** EDDP-D3

EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	47.6	95.1
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1091.8	109.2

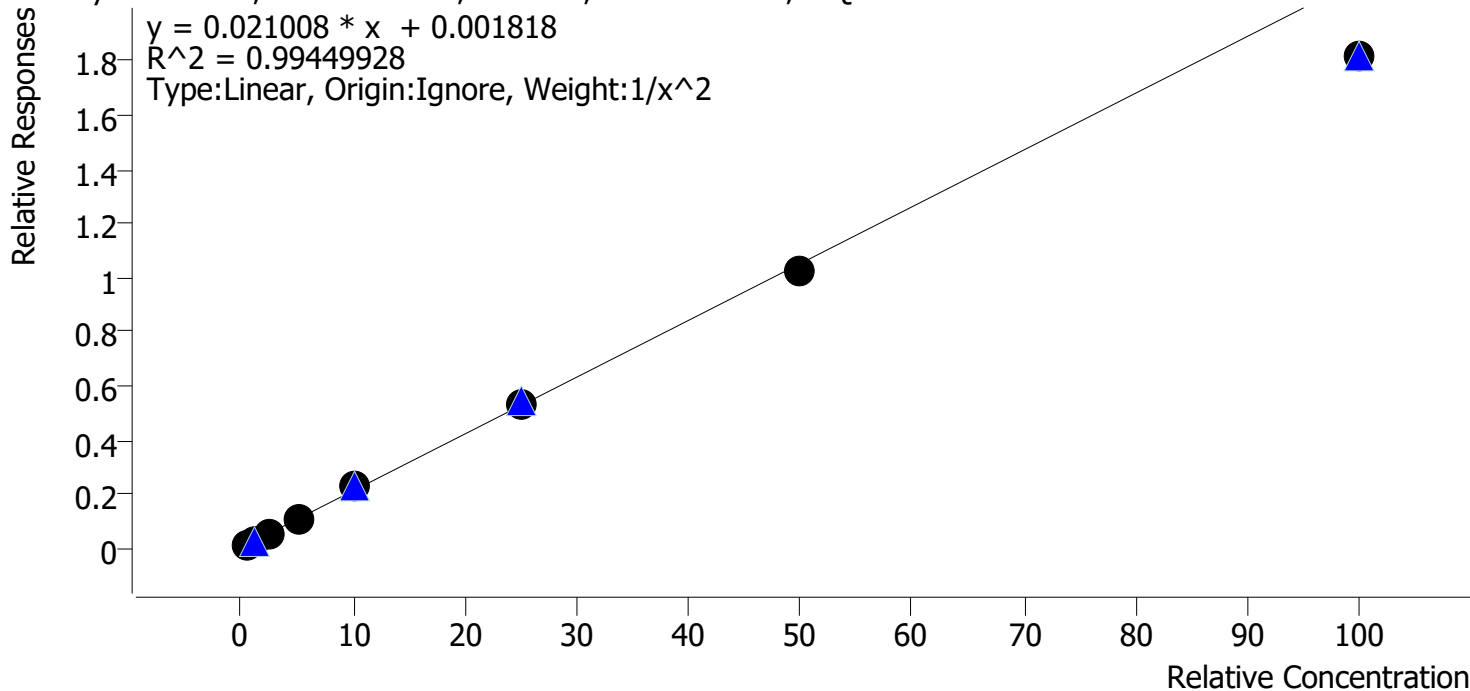
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



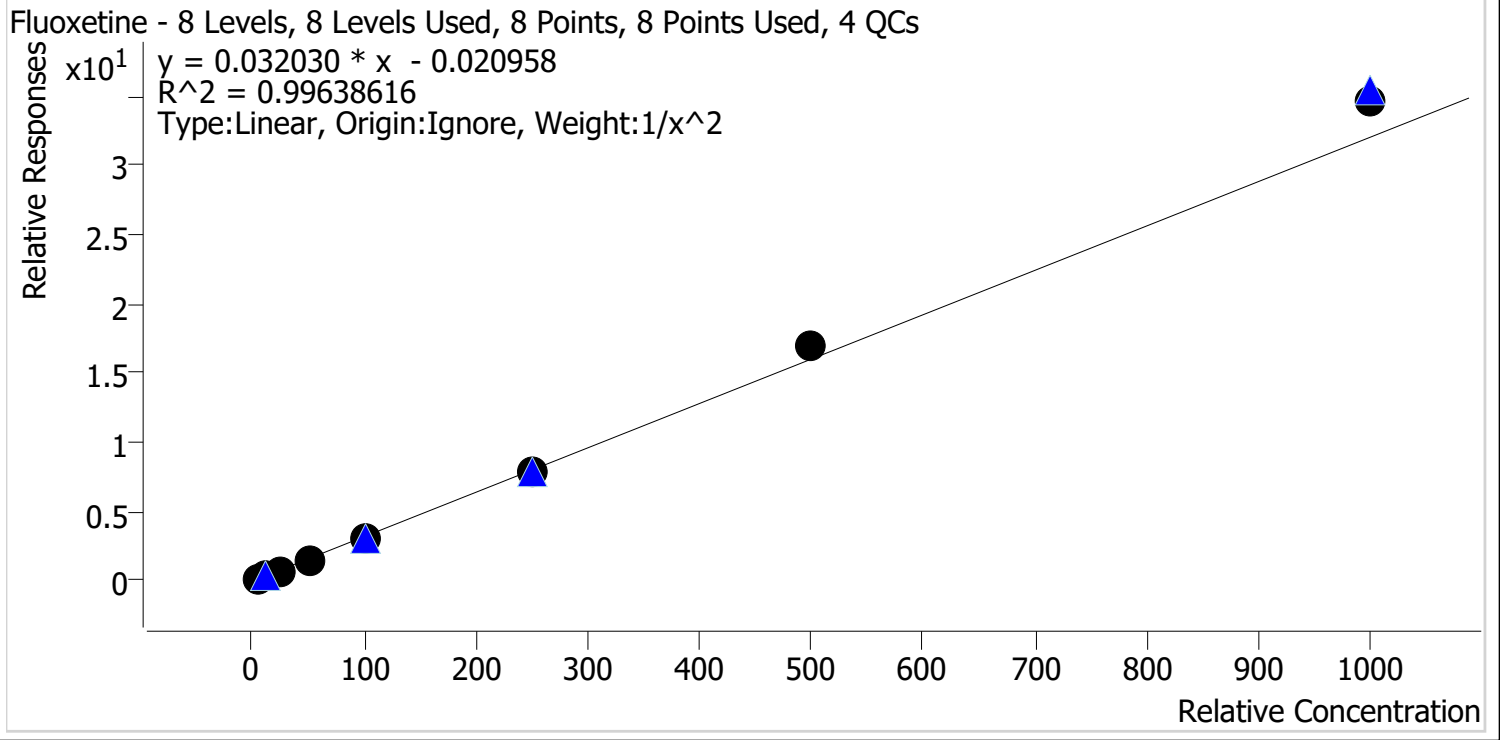
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.8
p1 Cal 2-10ng	2	✓	1.0	1.0	99.3
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.4
p1 Cal 4-50ng	4	✓	5.0	5.2	103.8
p1 Cal 5-100ng	5	✓	10.0	10.8	108.0
p1 Cal 6-250ng	6	✓	25.0	25.4	101.7
p1 Cal 7-500ng	7	✓	50.0	48.8	97.6
p1 Cal 8-1000ng	8	✓	100.0	86.4	86.4

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Fluoxetine **Internal Standard** Fluoxetine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	46.8	93.5
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	525.9	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1084.6	108.5

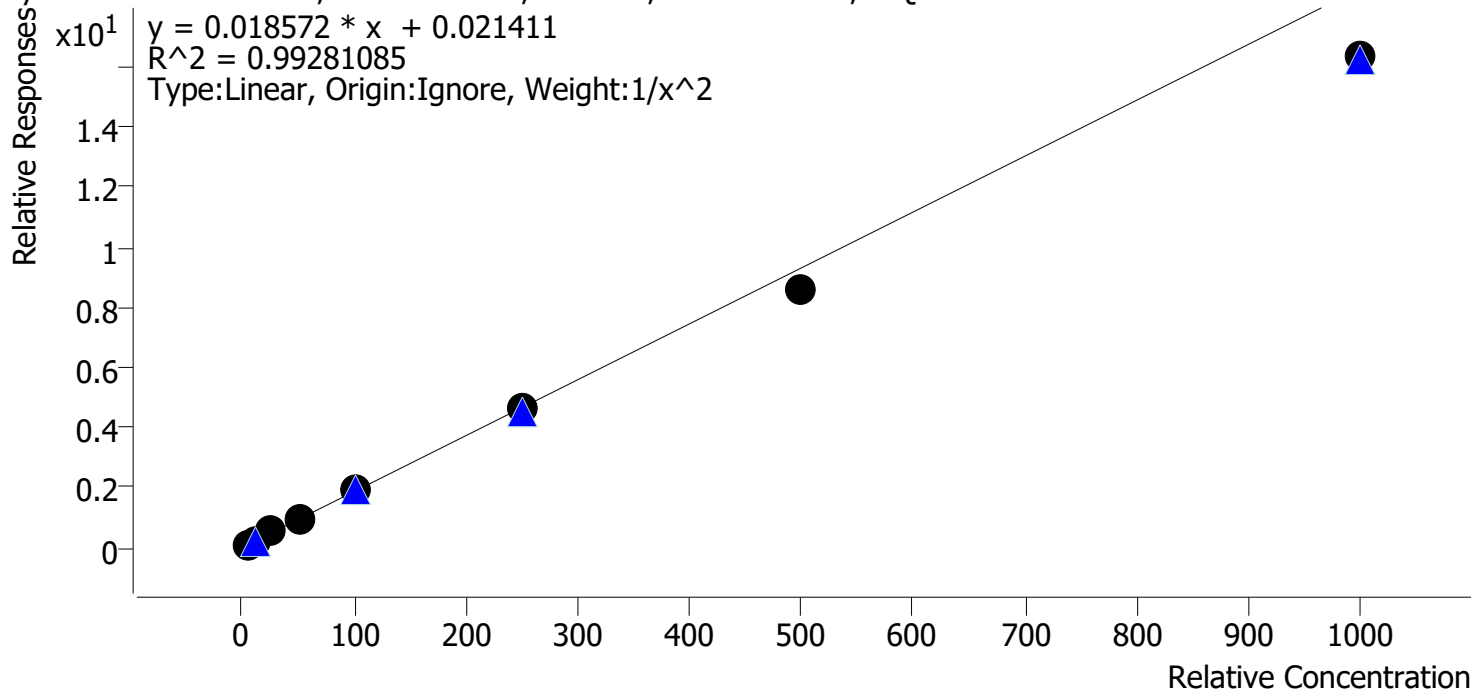
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Hydrocodone **Internal Standard** Hydrocodone-D6

Hydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.1
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	461.5	92.3
p1 Cal 8-1000ng	8	✓	1000.0	878.1	87.8

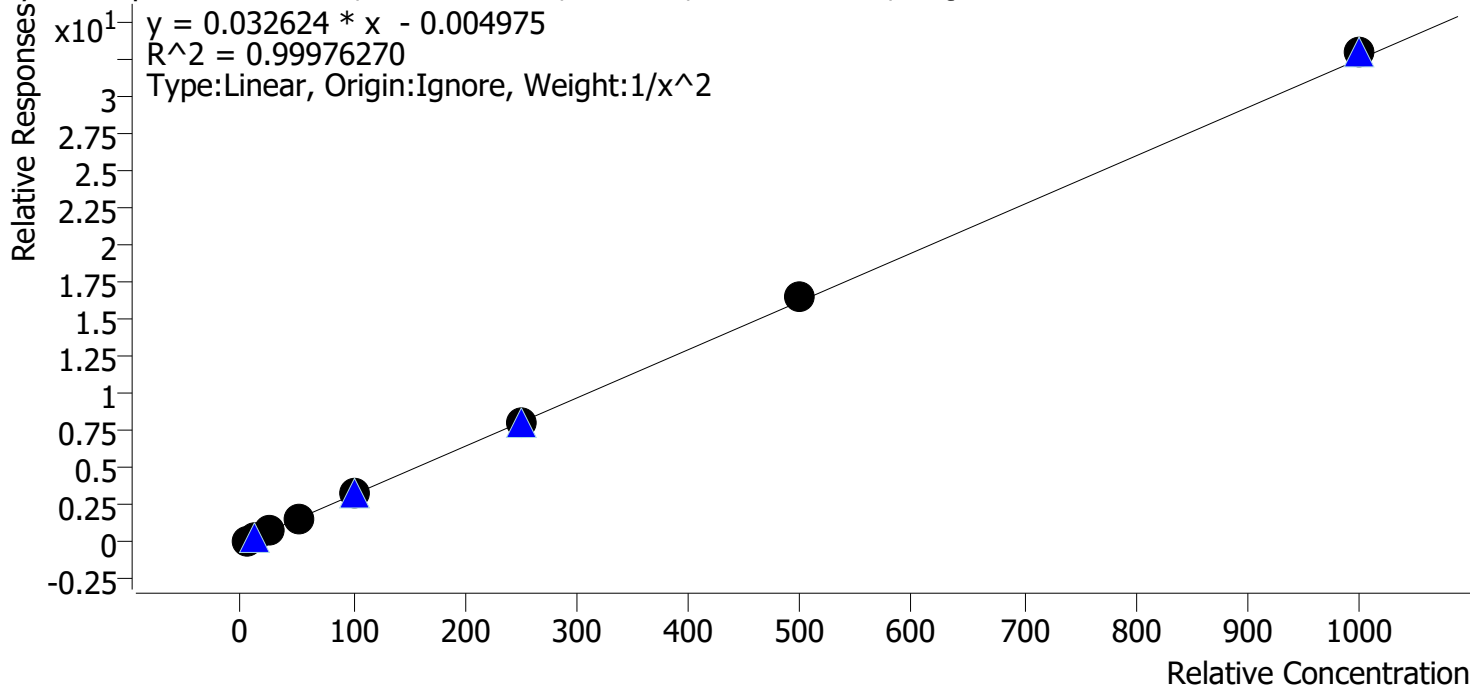
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



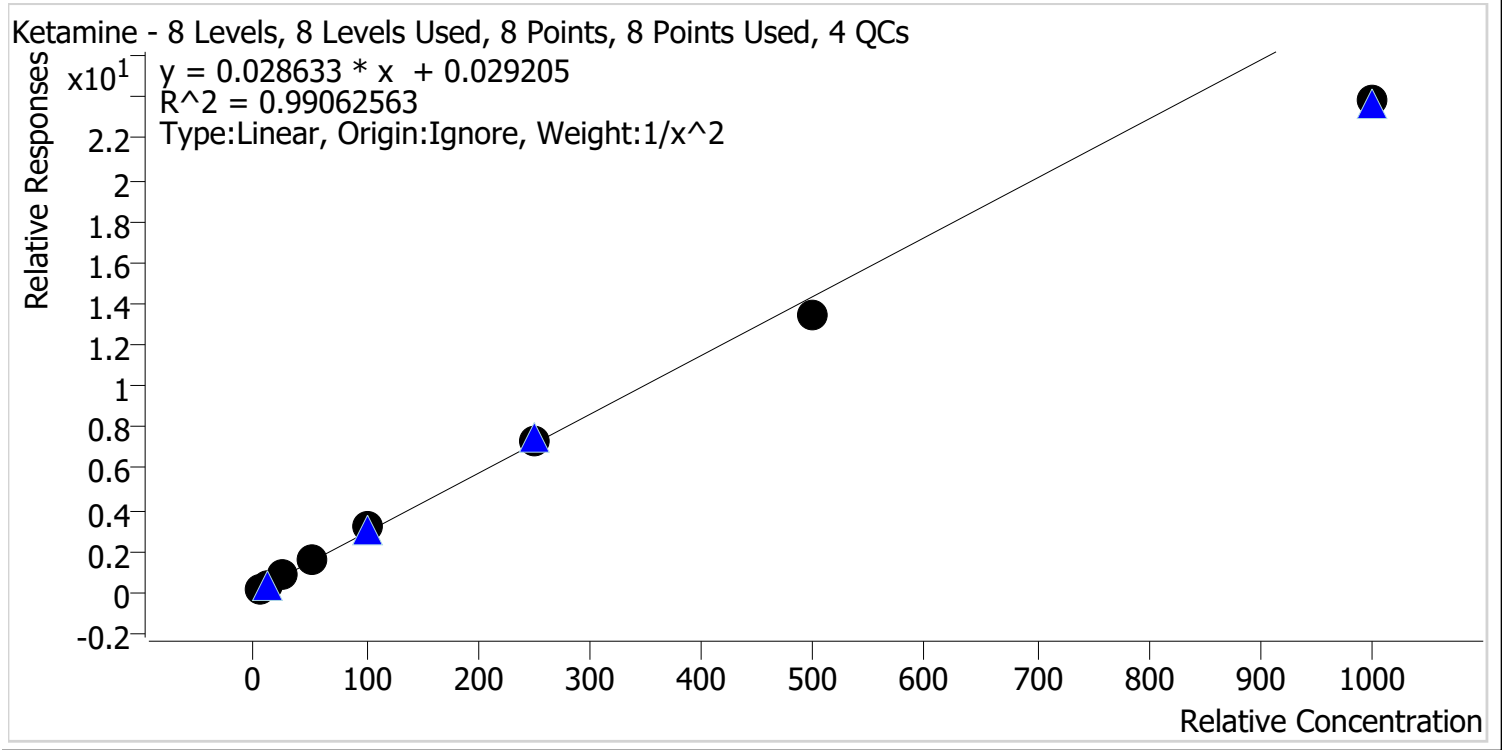
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	507.0	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1013.8	101.4

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Ketamine **Internal Standard** Ketamine-D4



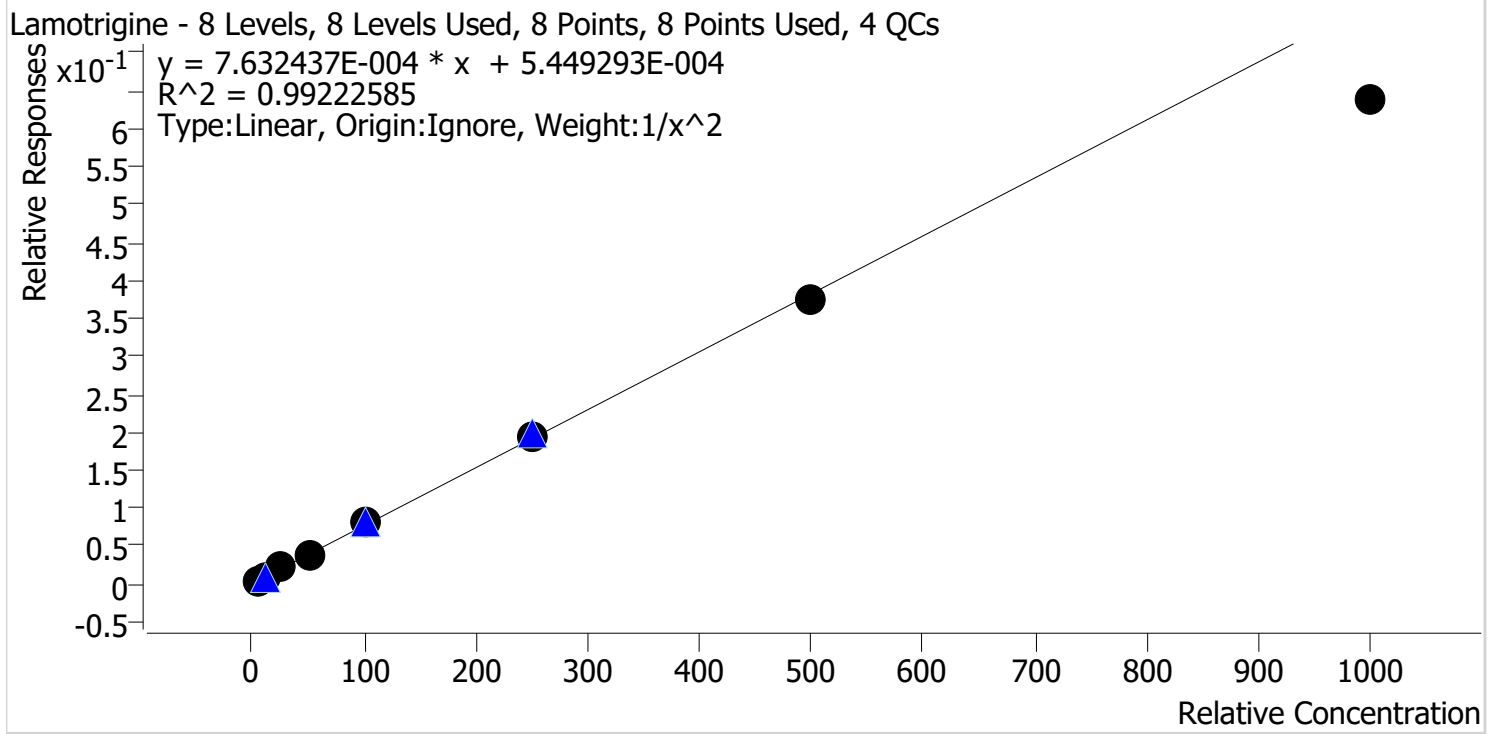
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng	5	✓	100.0	107.8	107.8
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	470.9	94.2
p1 Cal 8-1000ng	8	✓	1000.0	831.4	83.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Lamotrigine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	109.1	109.1
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	491.8	98.4
p1 Cal 8-1000ng	8	✓	1000.0	833.5	83.4



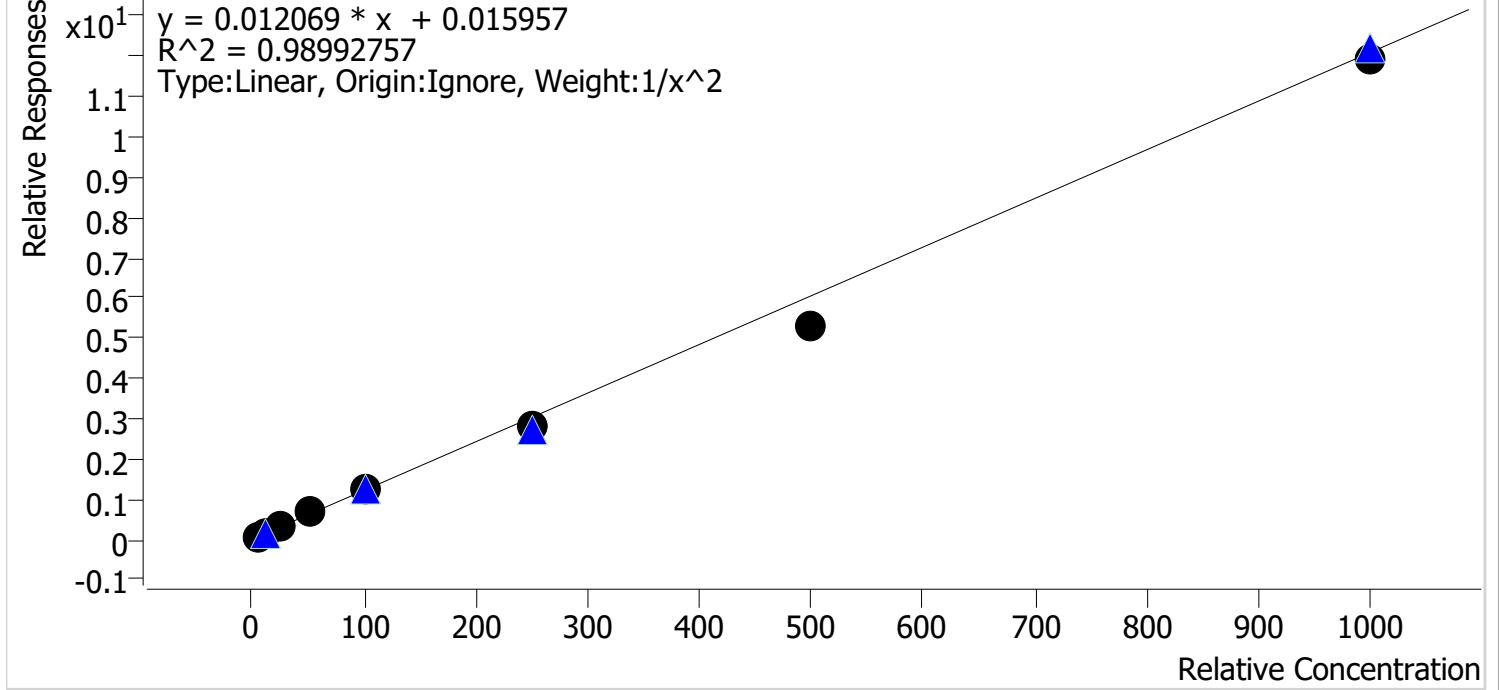
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Lorazepam **Internal Standard** Oxazepam-D5

Lorazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



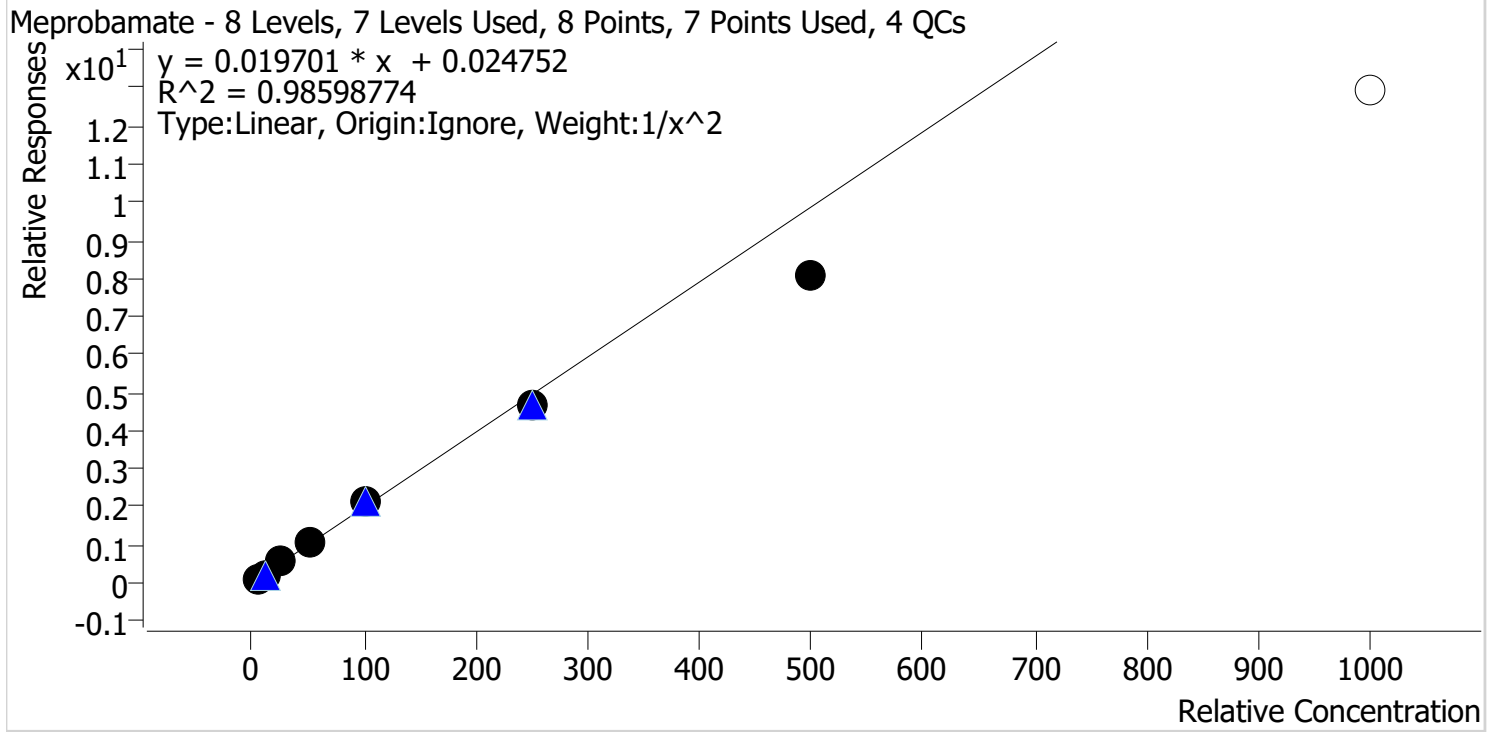
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.8
p1 Cal 2-10ng	2	✓	10.0	10.9	108.9
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.8
p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	229.4	91.8
p1 Cal 7-500ng	7	✓	500.0	438.5	87.7
p1 Cal 8-1000ng	8	✓	1000.0	987.7	98.8

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Meprobamate **Internal Standard** Meprobamate-D7



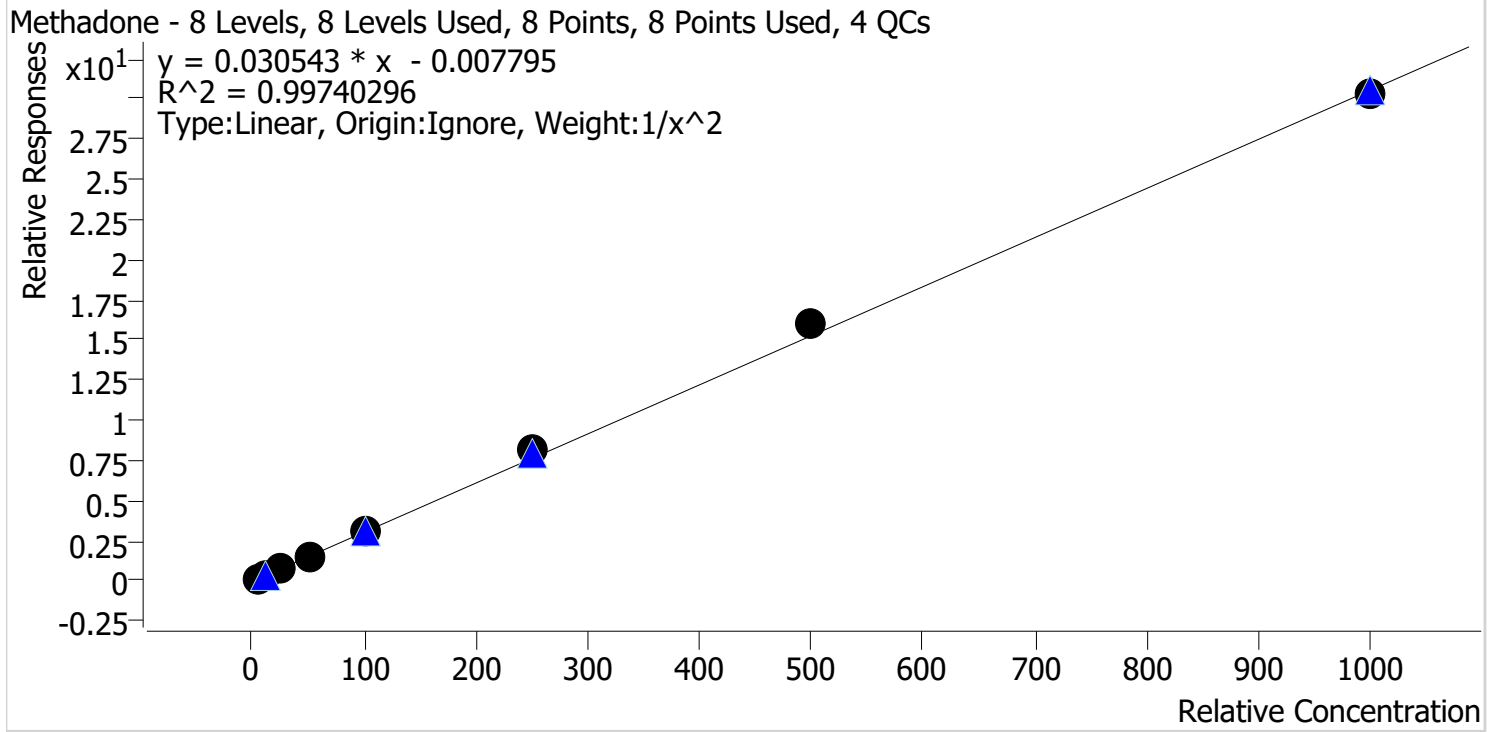
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.6
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	238.1	95.3
p1 Cal 7-500ng	7	✓	500.0	407.7	81.5
p1 Cal 8-1000ng	8	✗	1000.0	653.4	65.3

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Methadone **Internal Standard** Methadone-D9



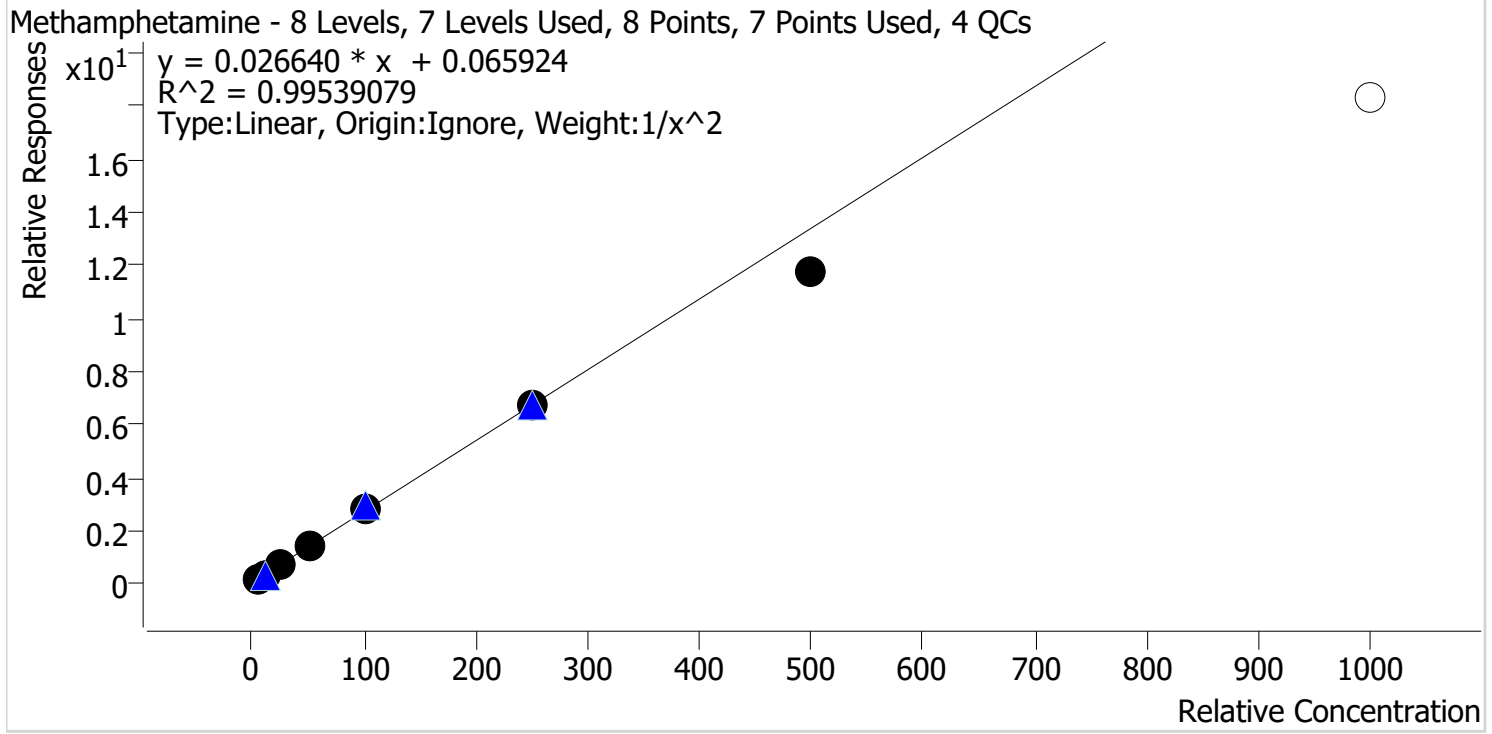
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	266.1	106.4
p1 Cal 7-500ng	7	✓	500.0	526.5	105.3
p1 Cal 8-1000ng	8	✓	1000.0	993.6	99.4

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	440.2	88.0
p1 Cal 8-1000ng	8	✗	1000.0	686.6	68.7

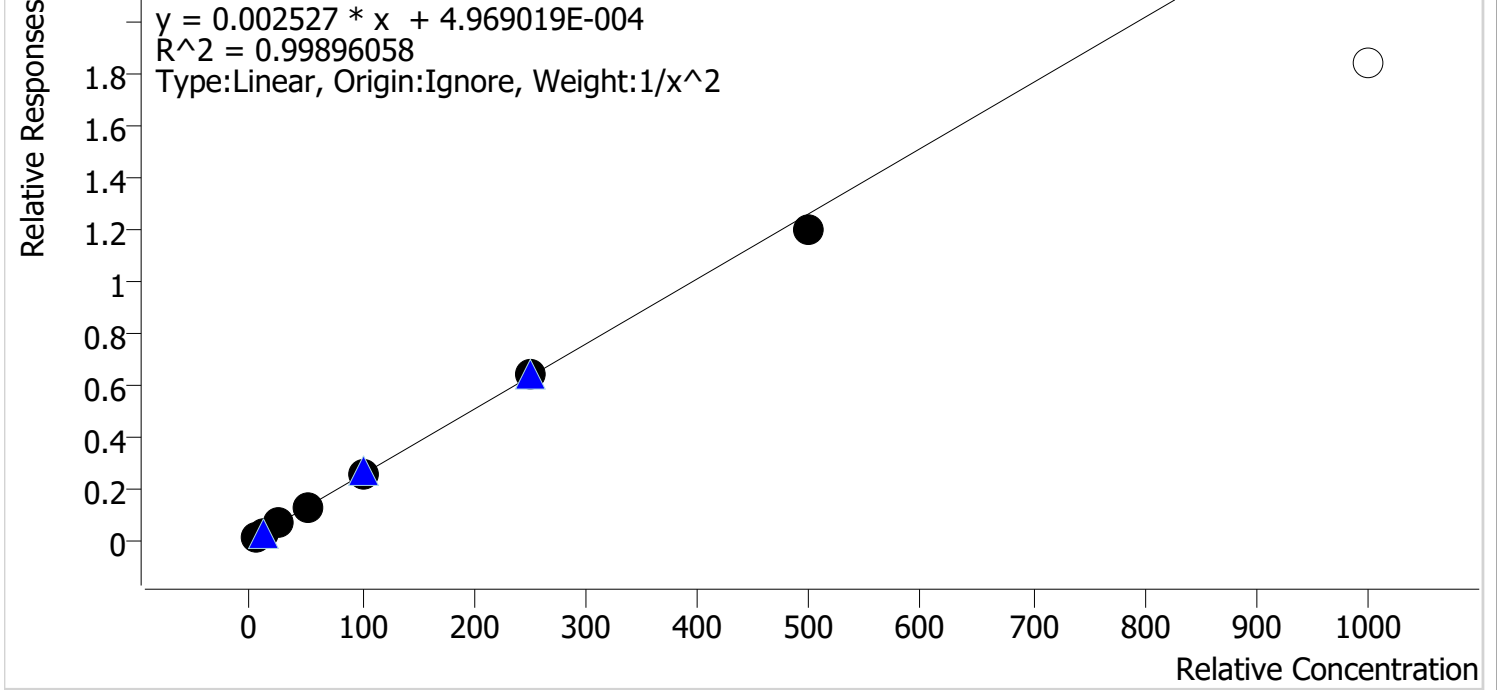
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	251.6	100.7
p1 Cal 7-500ng	7	✓	500.0	472.5	94.5
p1 Cal 8-1000ng	8	✗	1000.0	733.2	73.3

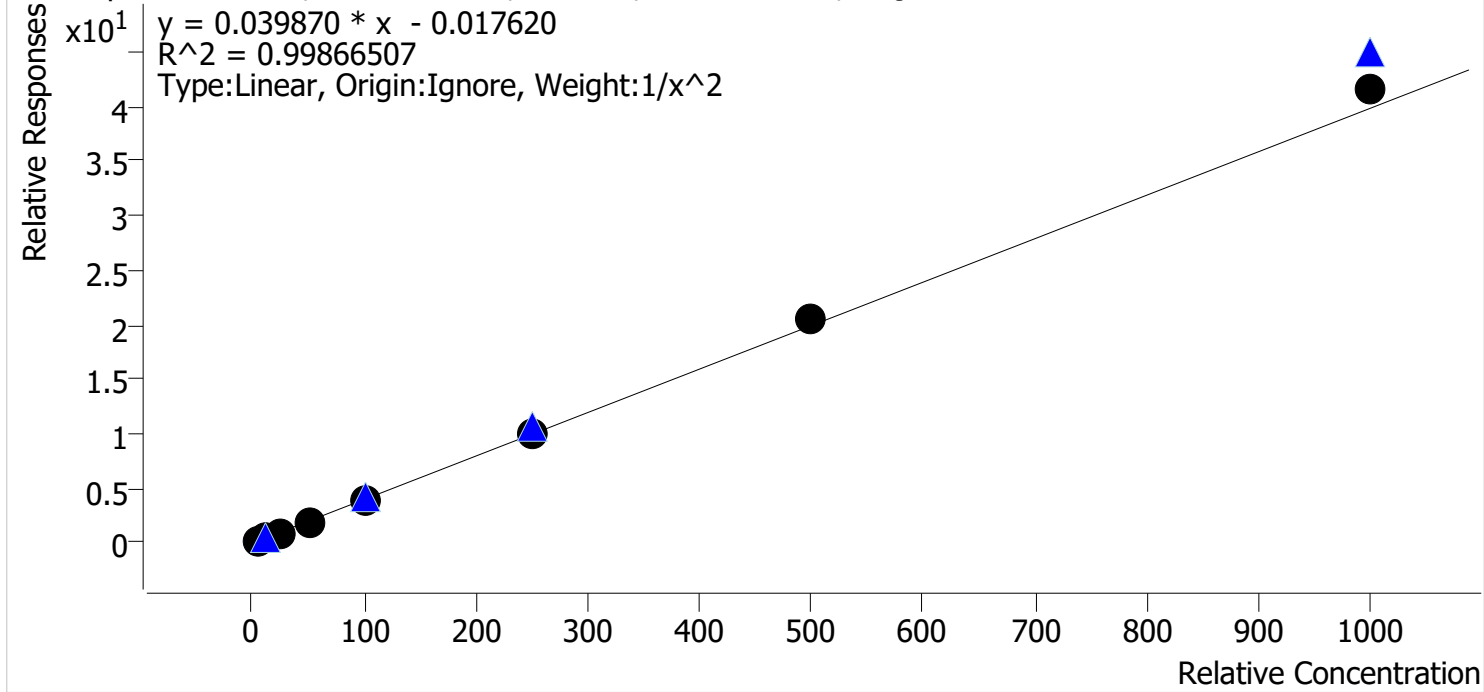
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Mirtazapine **Internal Standard** alpha-PVP-D8

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



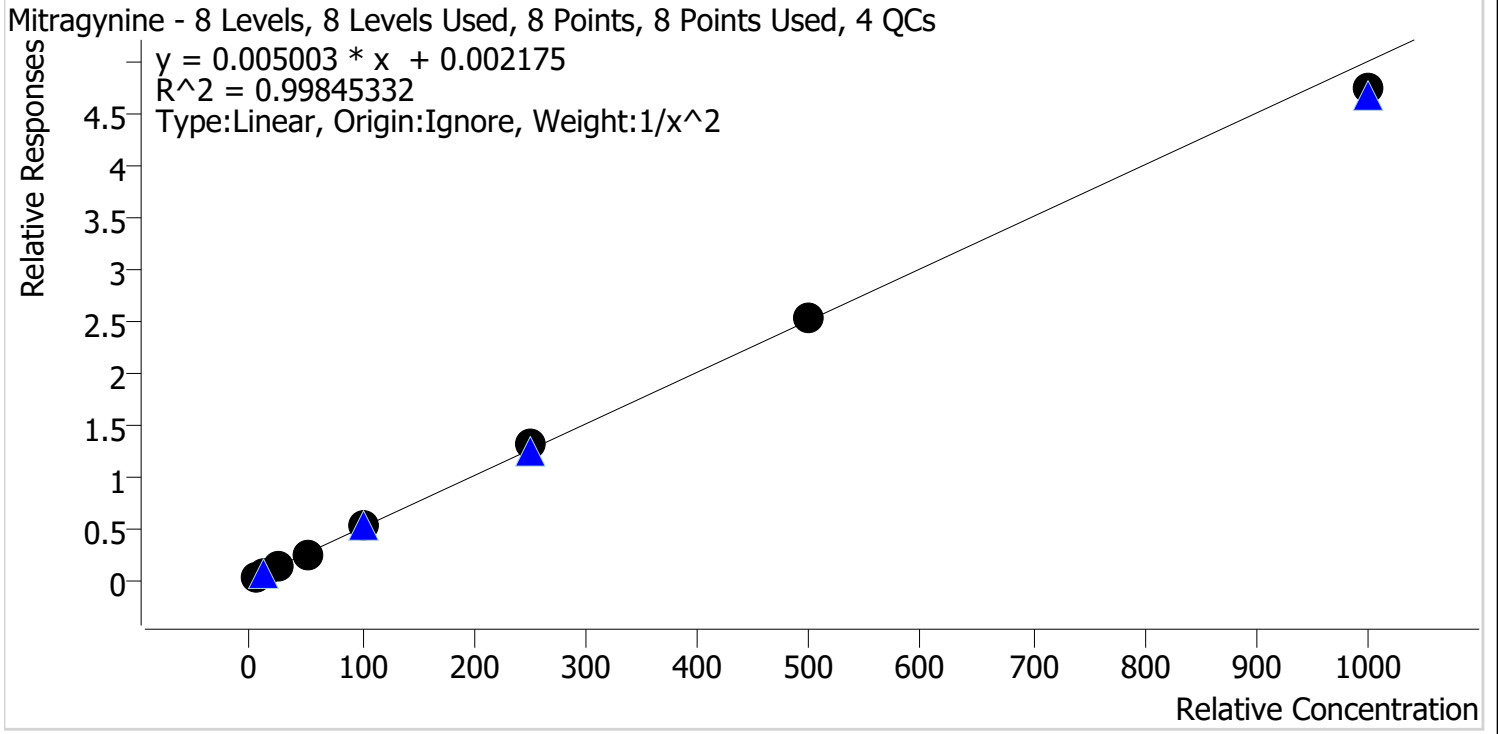
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	513.1	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1047.7	104.8

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Mitragynine **Internal Standard** Methadone-D9



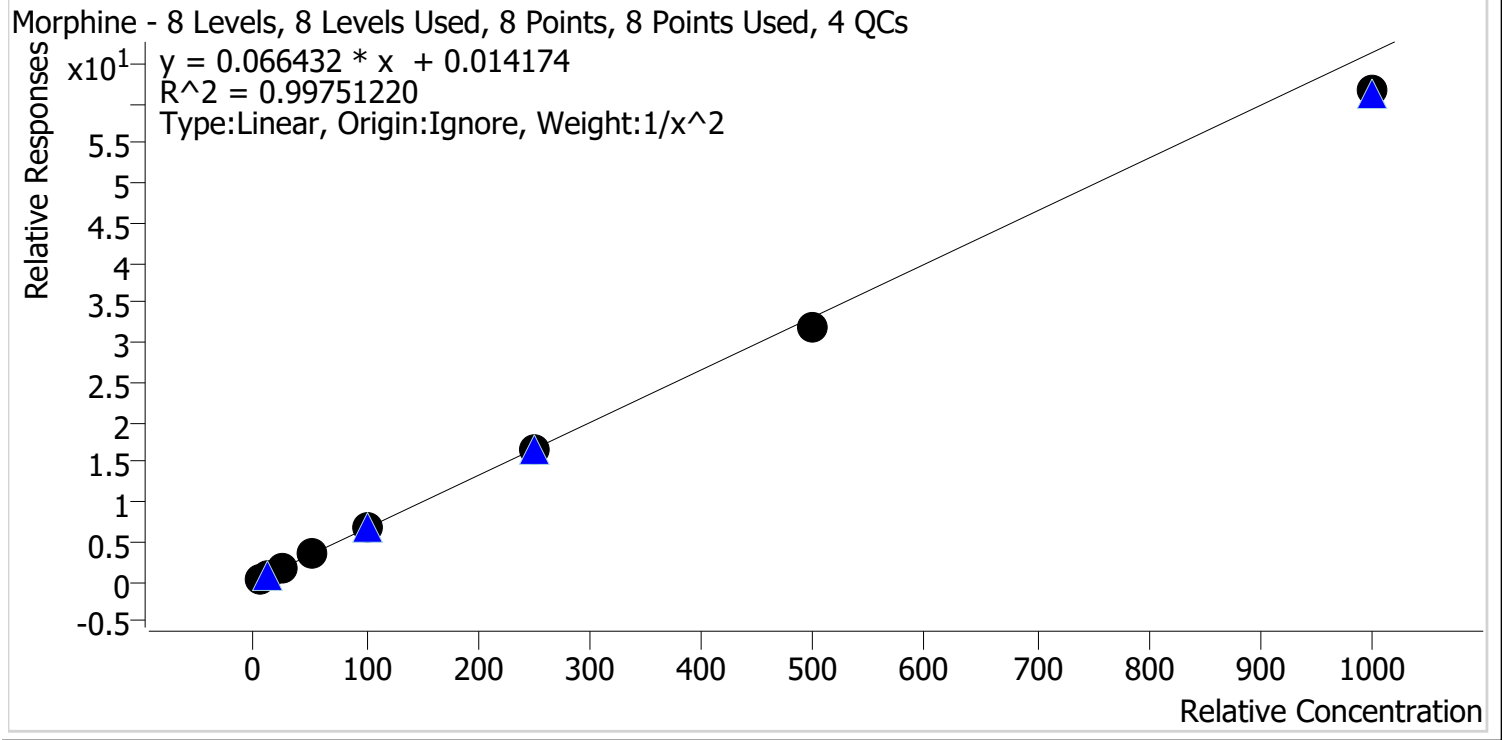
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	261.8	104.7
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	947.2	94.7

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.4
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	482.2	96.4
p1 Cal 8-1000ng	8	✓	1000.0	928.0	92.8

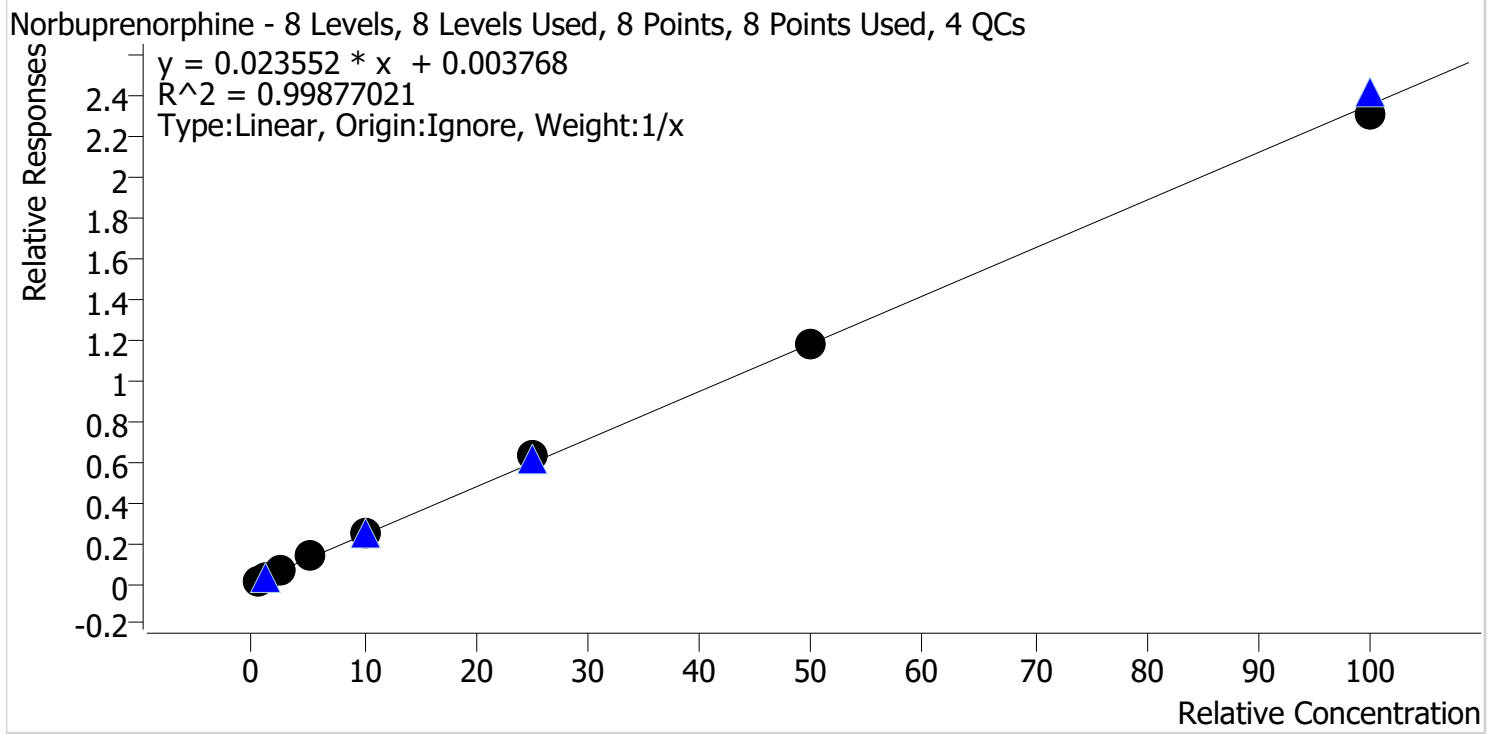


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.4	74.5
p1 Cal 2-10ng	2	✓	1.0	1.1	106.1
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.8
p1 Cal 4-50ng	4	✓	5.0	5.5	109.4
p1 Cal 5-100ng	5	✓	10.0	10.4	104.2
p1 Cal 6-250ng	6	✓	25.0	26.3	105.2
p1 Cal 7-500ng	7	✓	50.0	50.0	100.1
p1 Cal 8-1000ng	8	✓	100.0	97.8	97.8

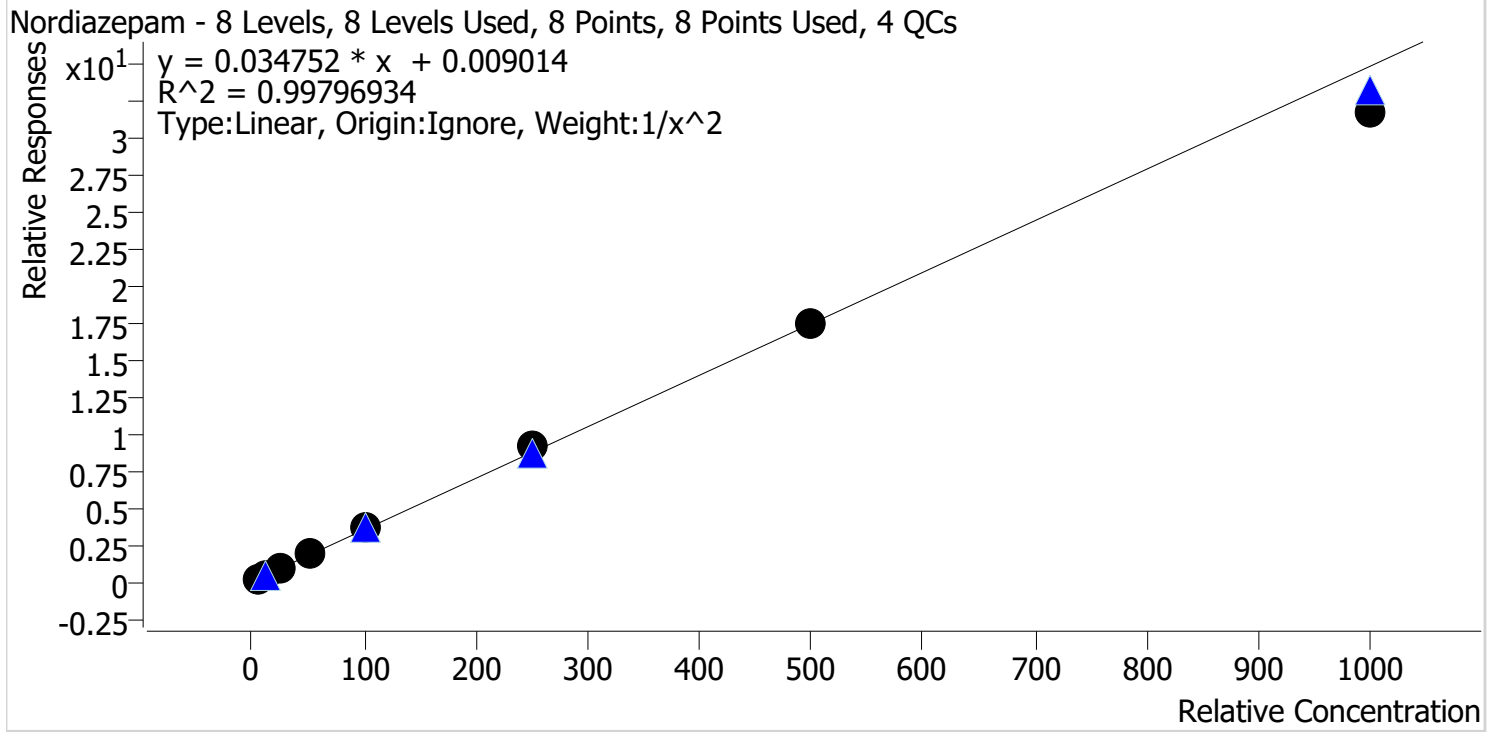
Compound not evaluated due to response in blank samples.

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Nordiazepam Internal Standard Nordiazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	259.7	103.9
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	909.2	90.9

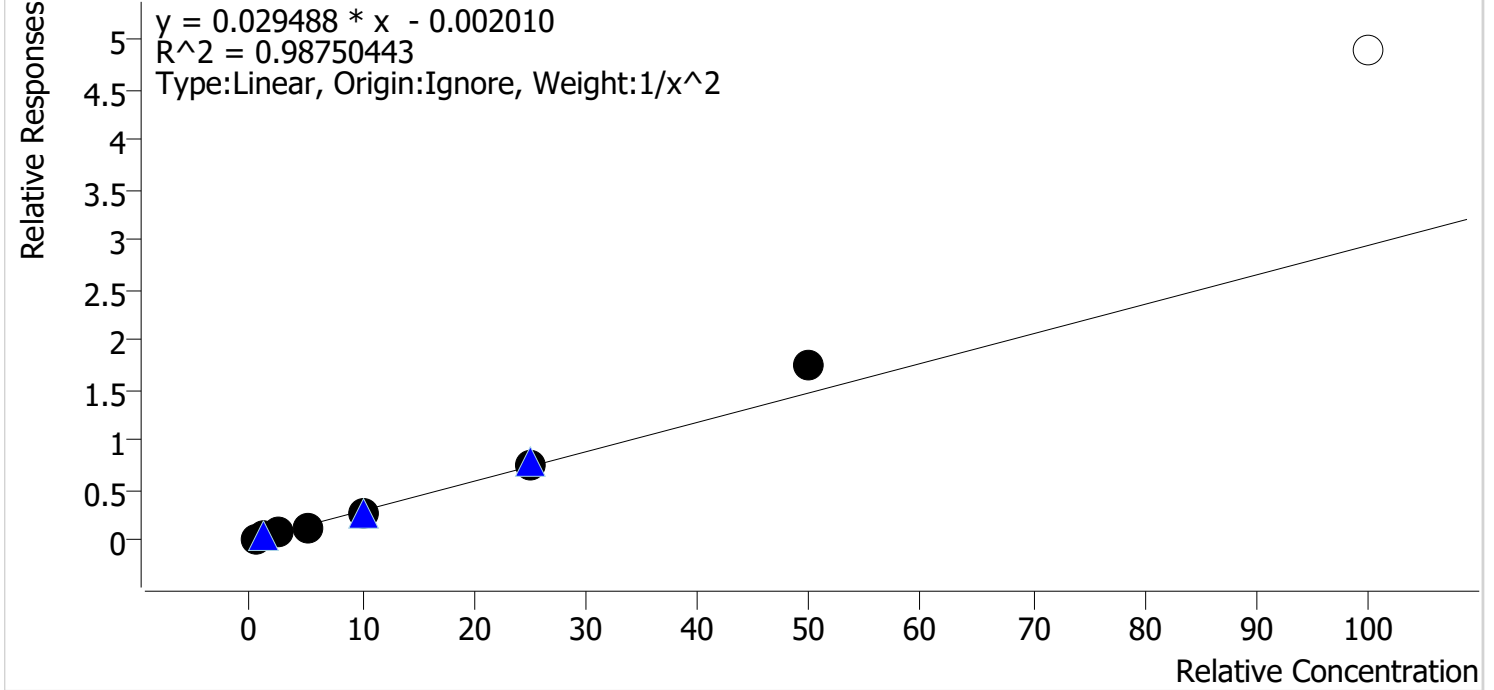
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Norfentanyl Internal Standard Norfentanyl-D5

Norfentanyl - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.8
p1 Cal 2-10ng	2	✓	1.0	1.0	97.8
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.2
p1 Cal 4-50ng	4	✓	5.0	4.5	90.3
p1 Cal 5-100ng	5	✓	10.0	9.5	95.1
p1 Cal 6-250ng	6	✓	25.0	26.1	104.3
p1 Cal 7-500ng	7	✓	50.0	58.8	117.6
p1 Cal 8-1000ng	8	✗	100.0	166.1	166.1

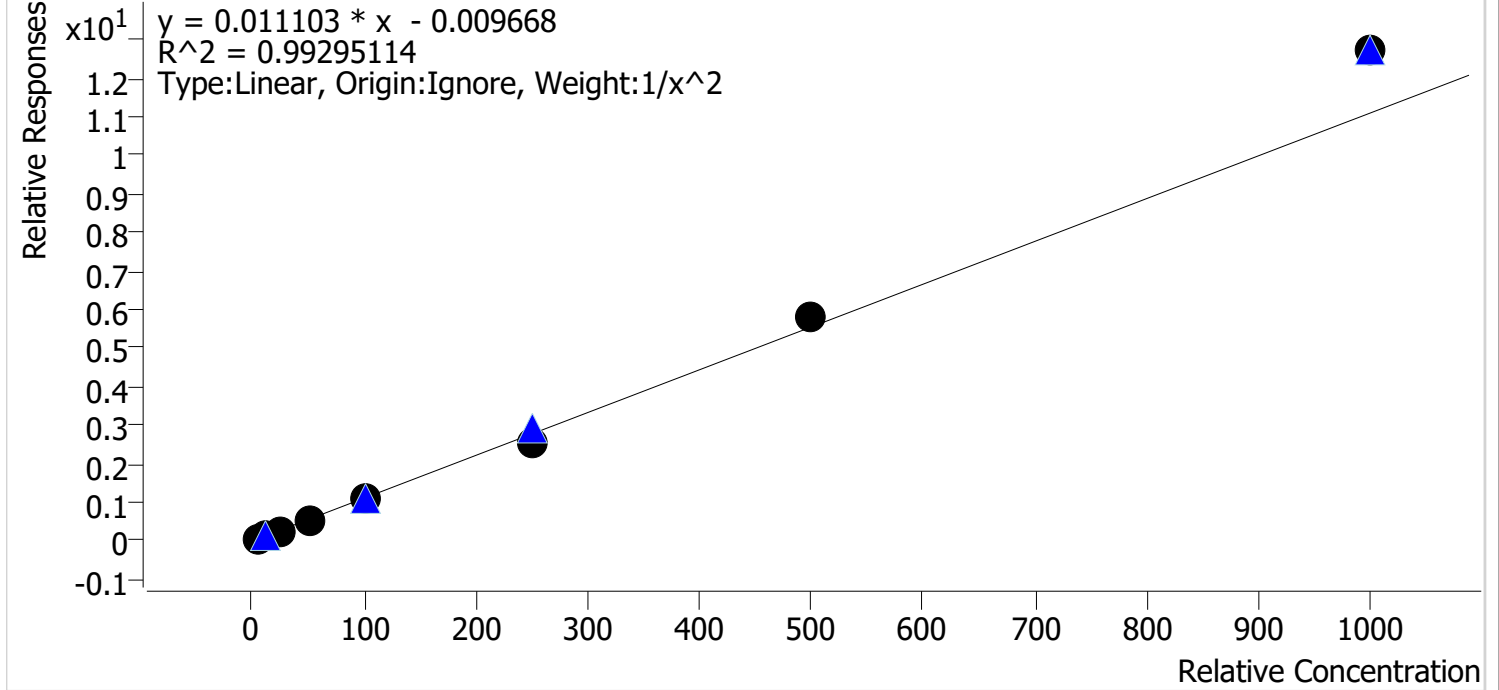
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



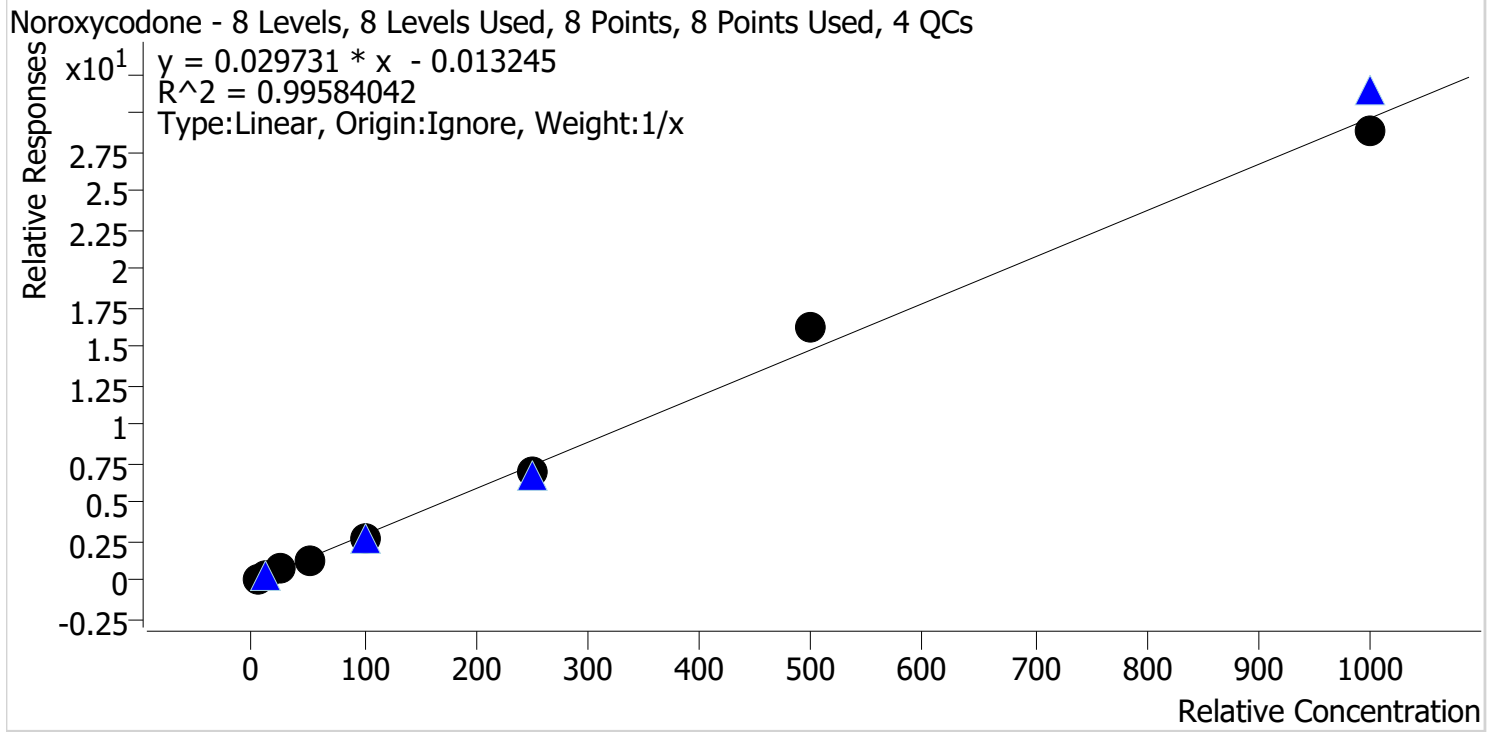
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	230.2	92.1
p1 Cal 7-500ng	7	✓	500.0	522.0	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1145.9	114.6

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Noroxycodone **Internal Standard** Noroxycodone-D3



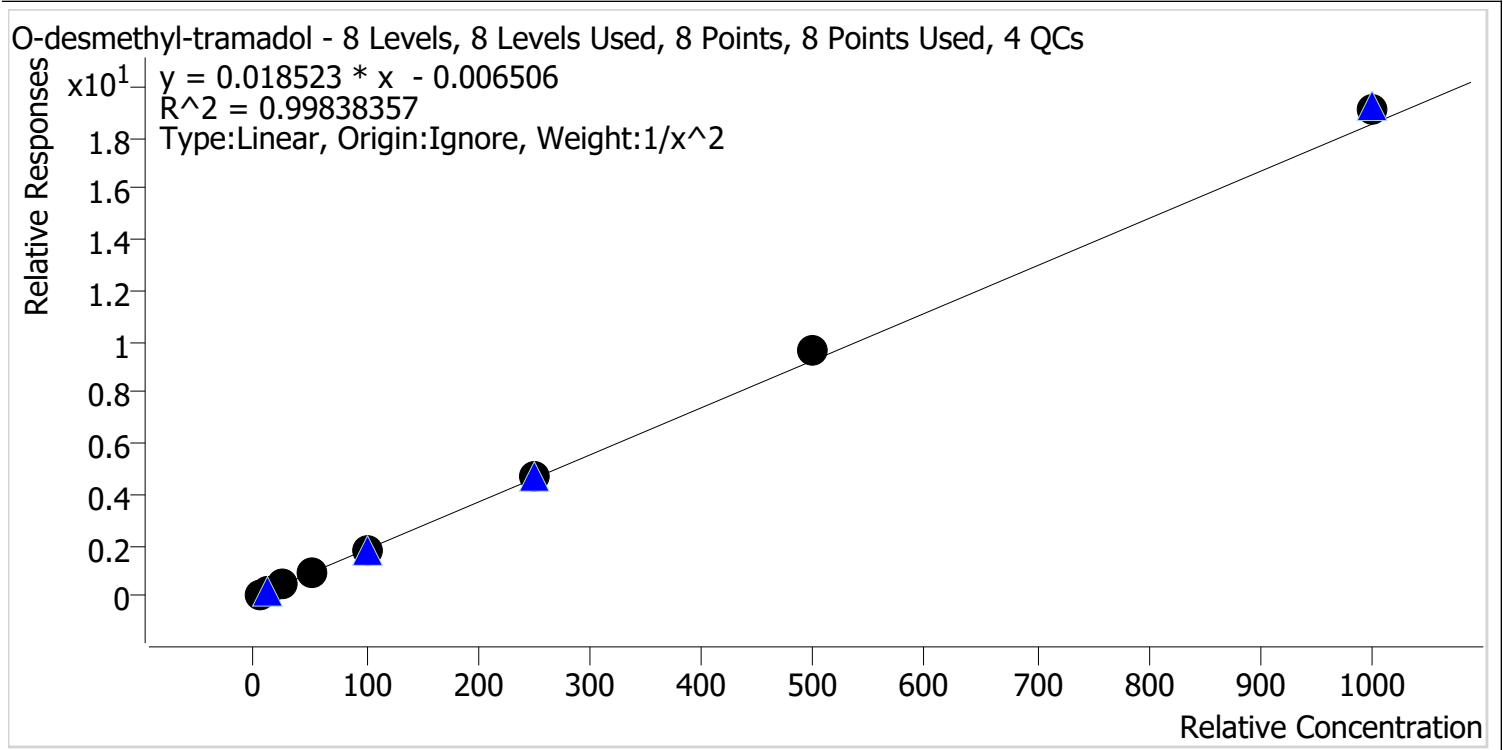
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	234.6	93.8
p1 Cal 7-500ng	7	✓	500.0	551.0	110.2
p1 Cal 8-1000ng	8	✓	1000.0	971.5	97.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



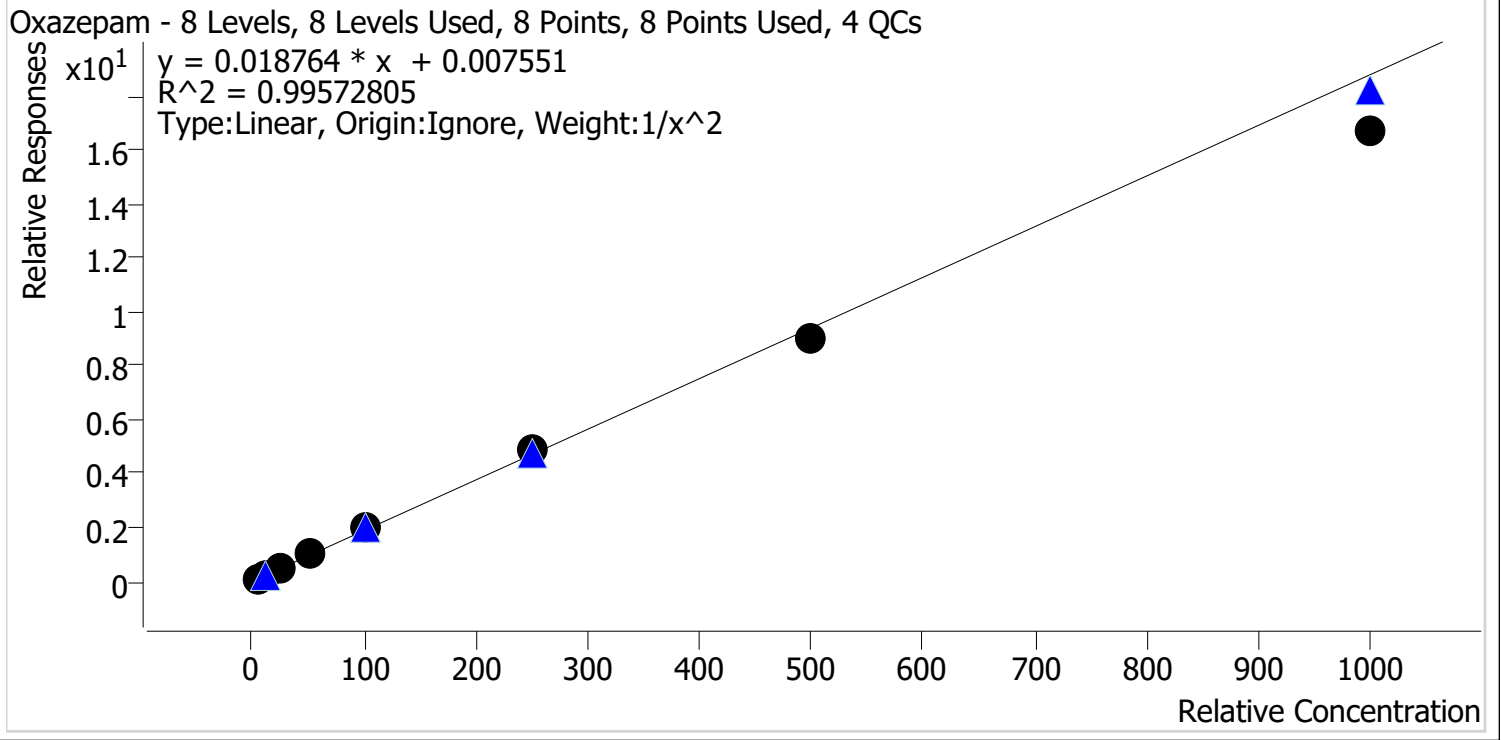
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	253.4	101.3
p1 Cal 7-500ng	7	✓	500.0	524.9	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1032.9	103.3

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Oxazepam Internal Standard Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	476.8	95.4
p1 Cal 8-1000ng	8	✓	1000.0	888.3	88.8

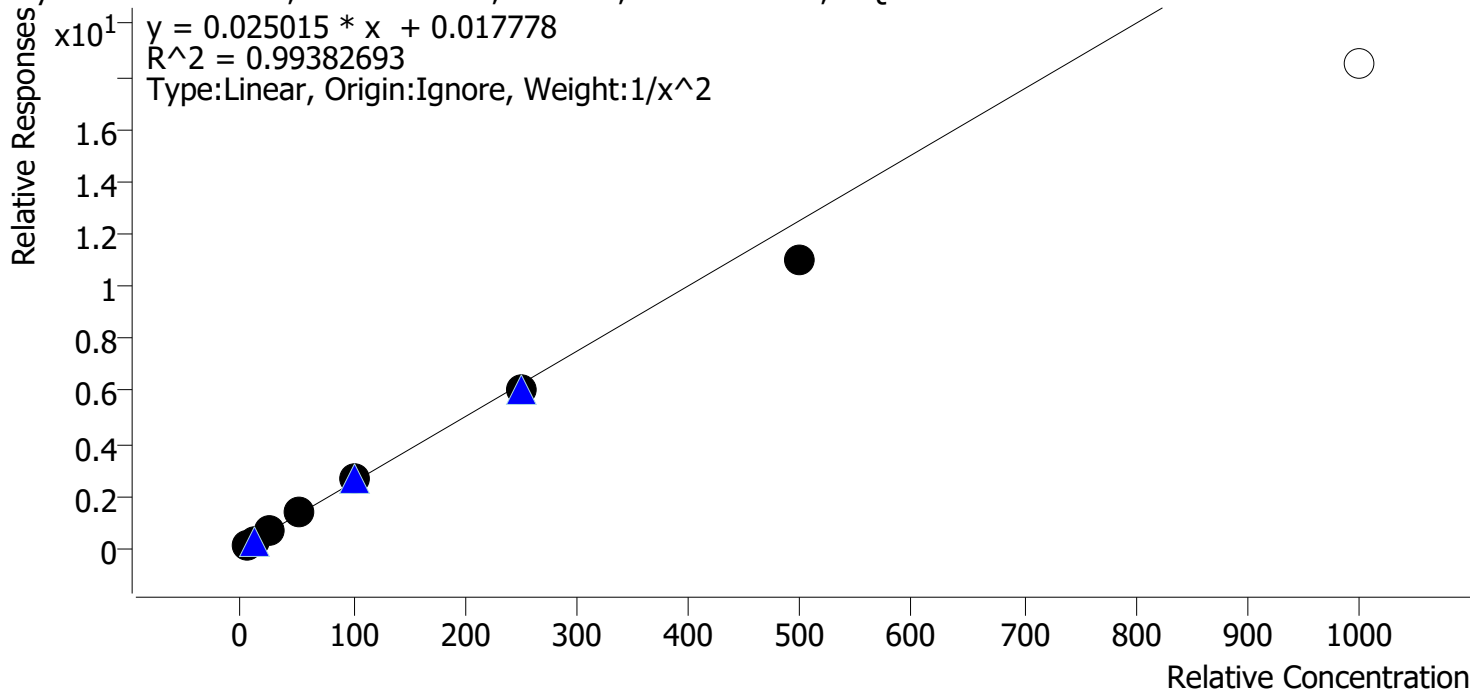
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Oxycodone **Internal Standard** Oxycodone-D6

Oxycodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	241.6	96.7
p1 Cal 7-500ng	7	✓	500.0	438.6	87.7
p1 Cal 8-1000ng	8	✗	1000.0	737.1	73.7



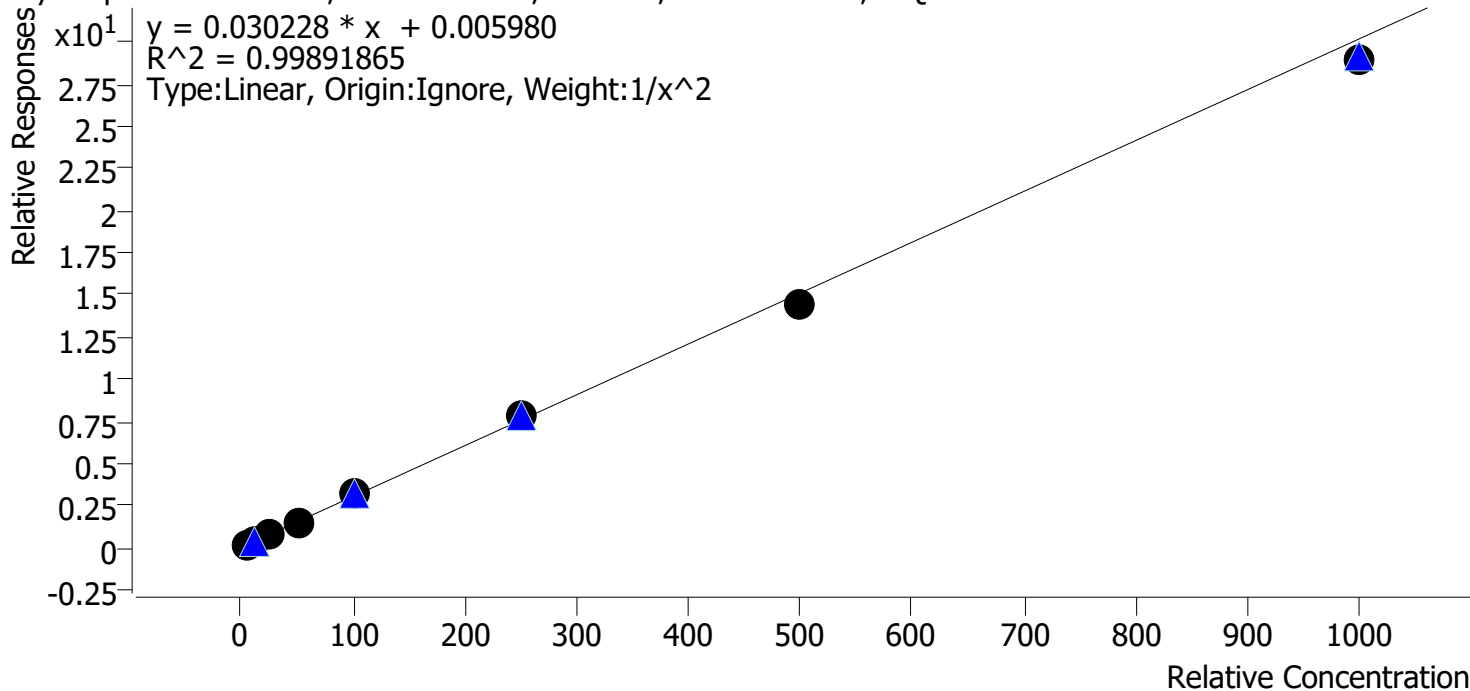
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Oxymorphone **Internal Standard** Oxymorphone-D3

Oxymorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



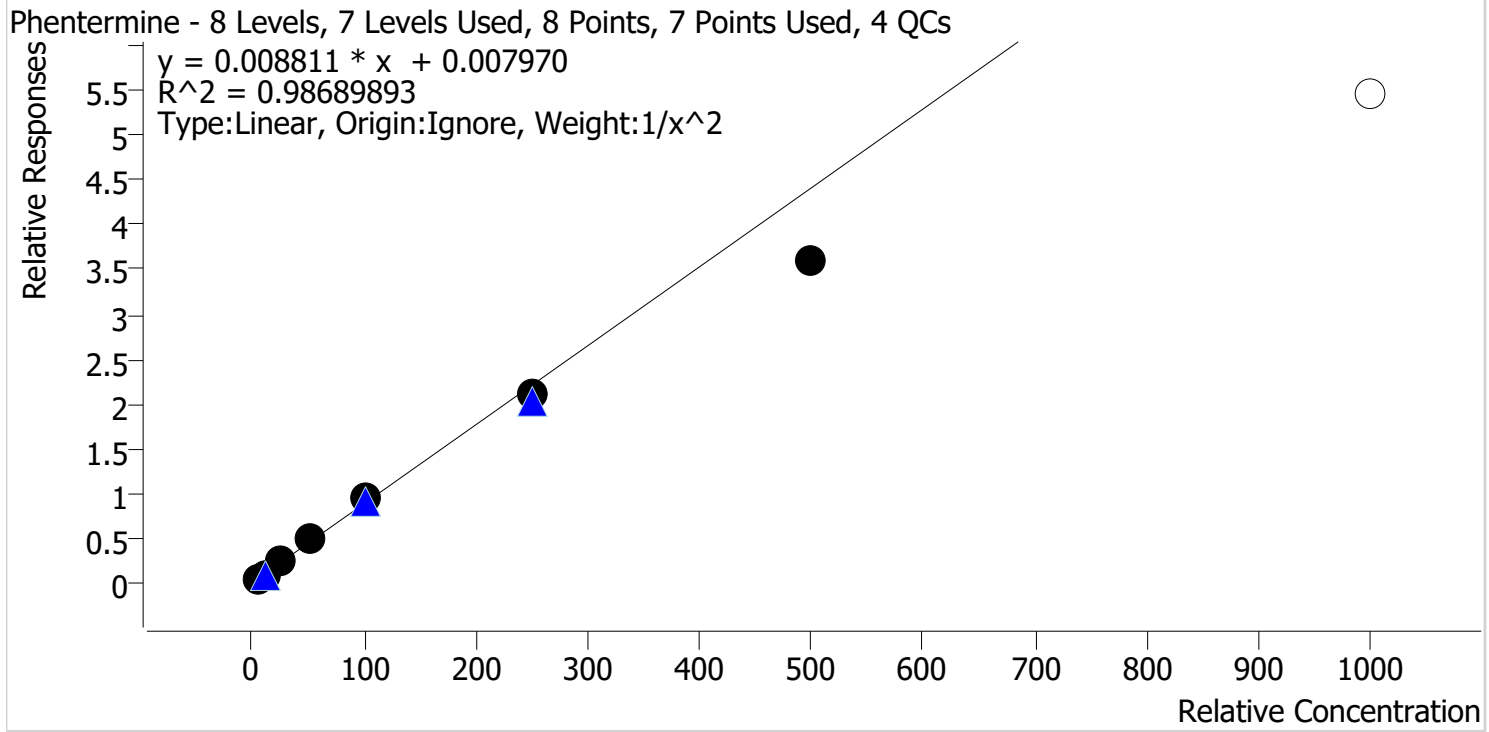
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	480.0	96.0
p1 Cal 8-1000ng	8	✓	1000.0	959.2	95.9

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.4
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	238.5	95.4
p1 Cal 7-500ng	7	✓	500.0	409.5	81.9
p1 Cal 8-1000ng	8	✗	1000.0	618.8	61.9

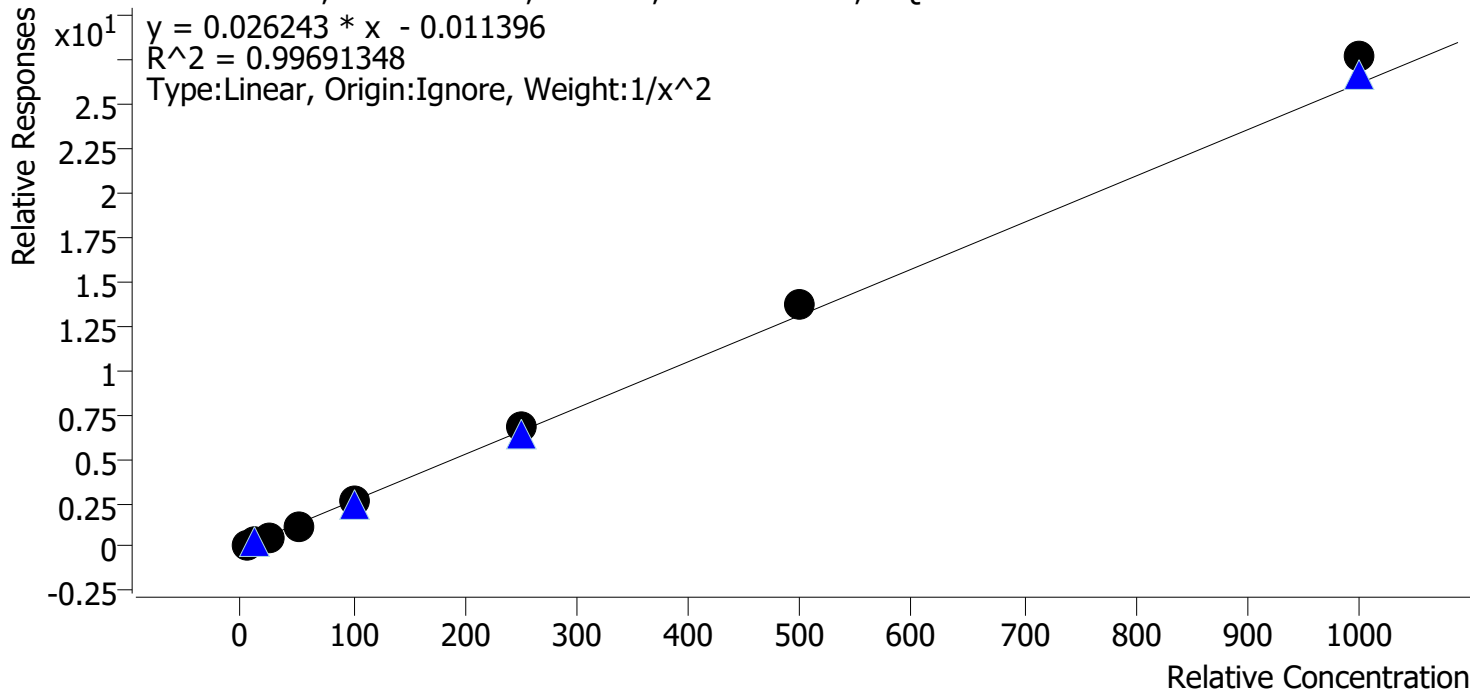
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Promethazine **Internal Standard** Promethazine-D3

Promethazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



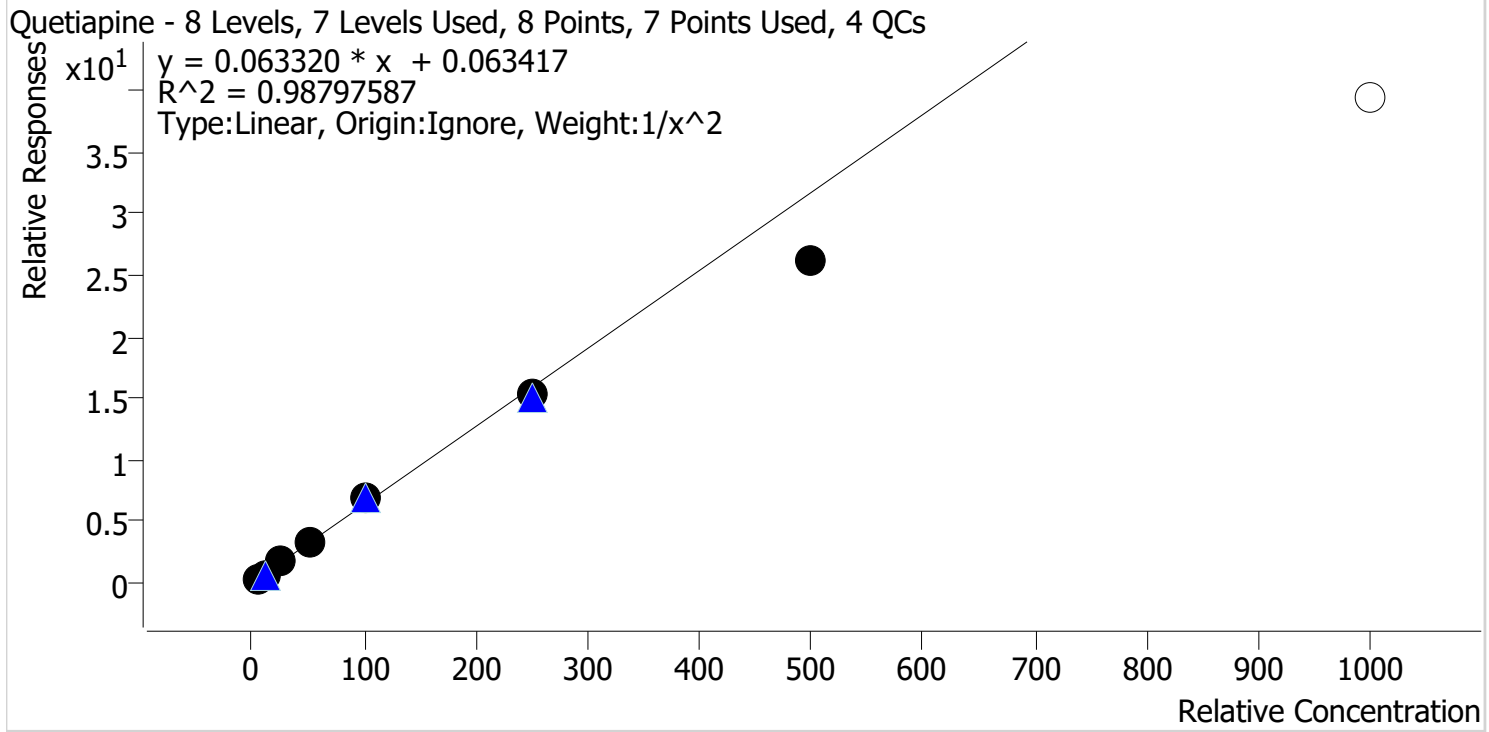
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	46.5	93.1
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	524.7	104.9
p1 Cal 8-1000ng	8	✓	1000.0	1057.9	105.8

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Quetiapine **Internal Standard** Quetiapine-D8



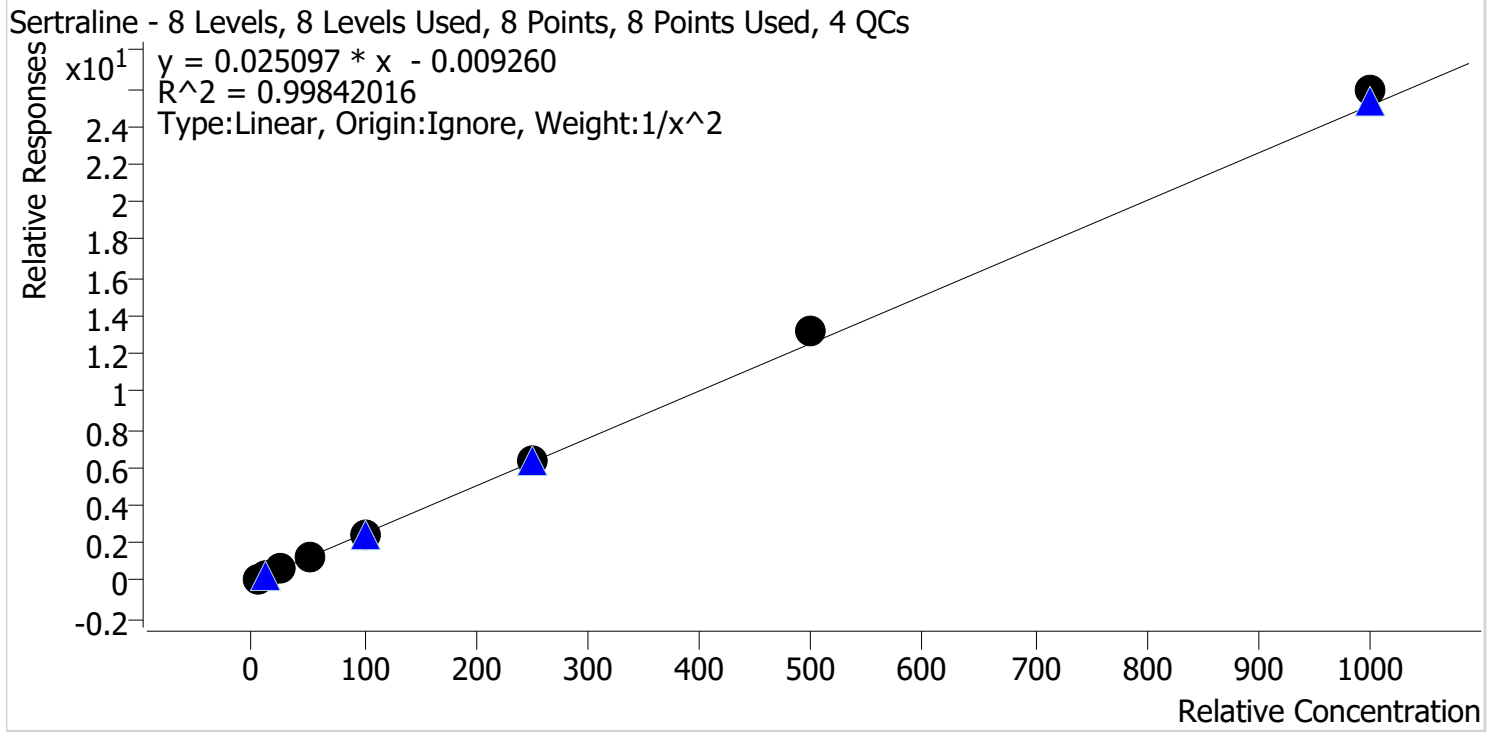
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	239.6	95.8
p1 Cal 7-500ng	7	✓	500.0	413.8	82.8
p1 Cal 8-1000ng	8	✗	1000.0	621.6	62.2

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Sertraline **Internal Standard** Sertraline-D3



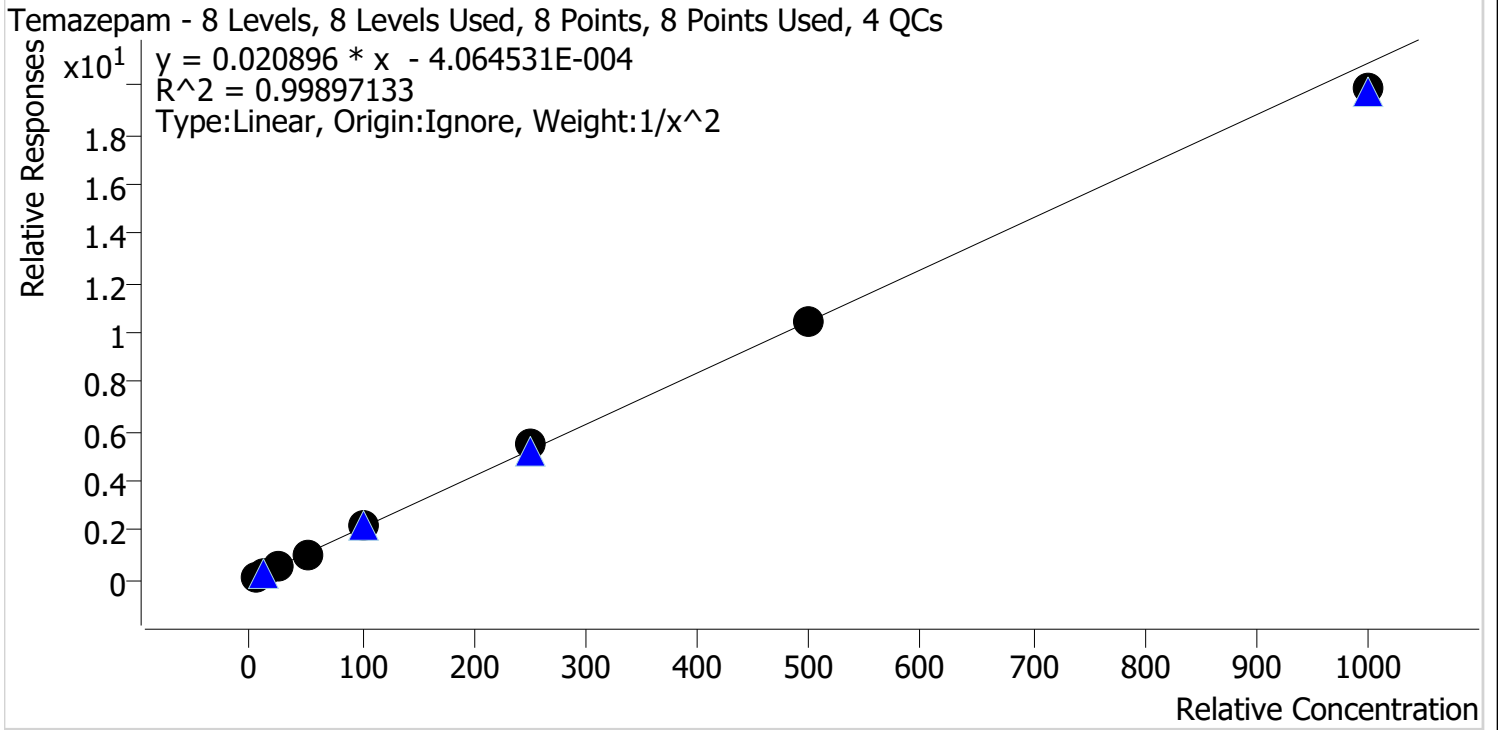
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	527.2	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1031.2	103.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Temazepam **Internal Standard** Temazepam-D5



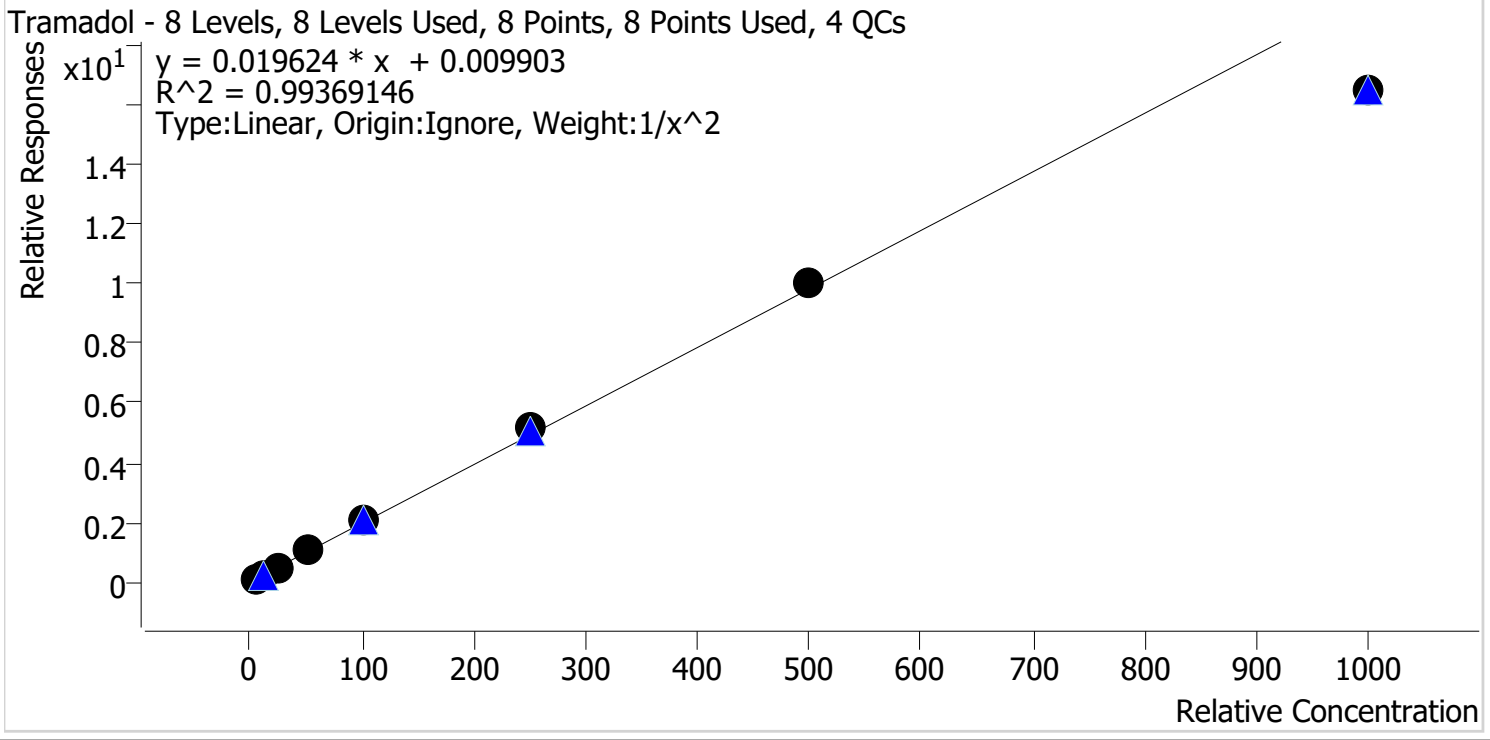
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
p1 Cal 7-500ng	7	✓	500.0	502.5	100.5
p1 Cal 8-1000ng	8	✓	1000.0	950.7	95.1

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Tramadol **Internal Standard** Tramadol-13C-D3



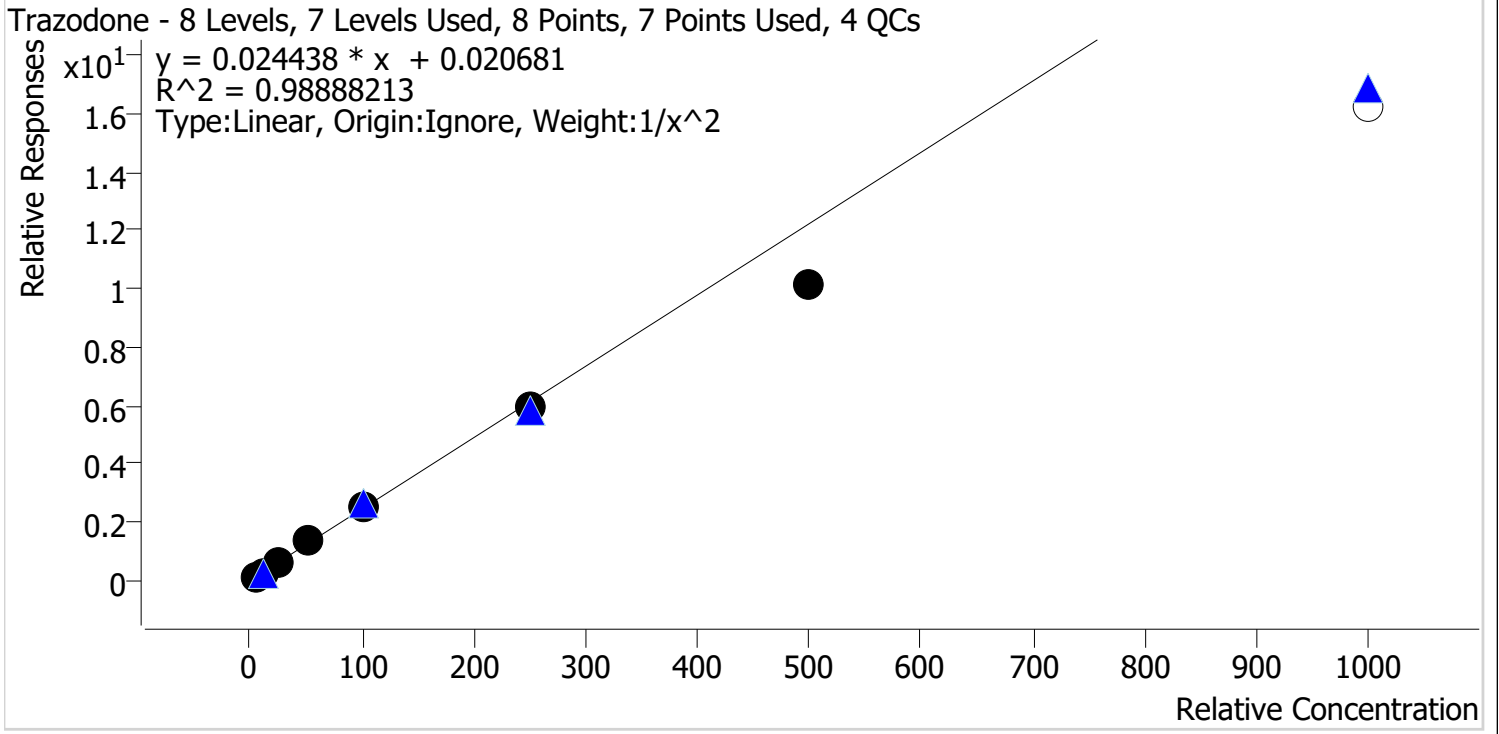
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	262.4	104.9
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	837.2	83.7

TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Trazodone **Internal Standard** Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.6
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	240.7	96.3
p1 Cal 7-500ng	7	✓	500.0	416.3	83.3
p1 Cal 8-1000ng	8	✗	1000.0	665.9	66.6

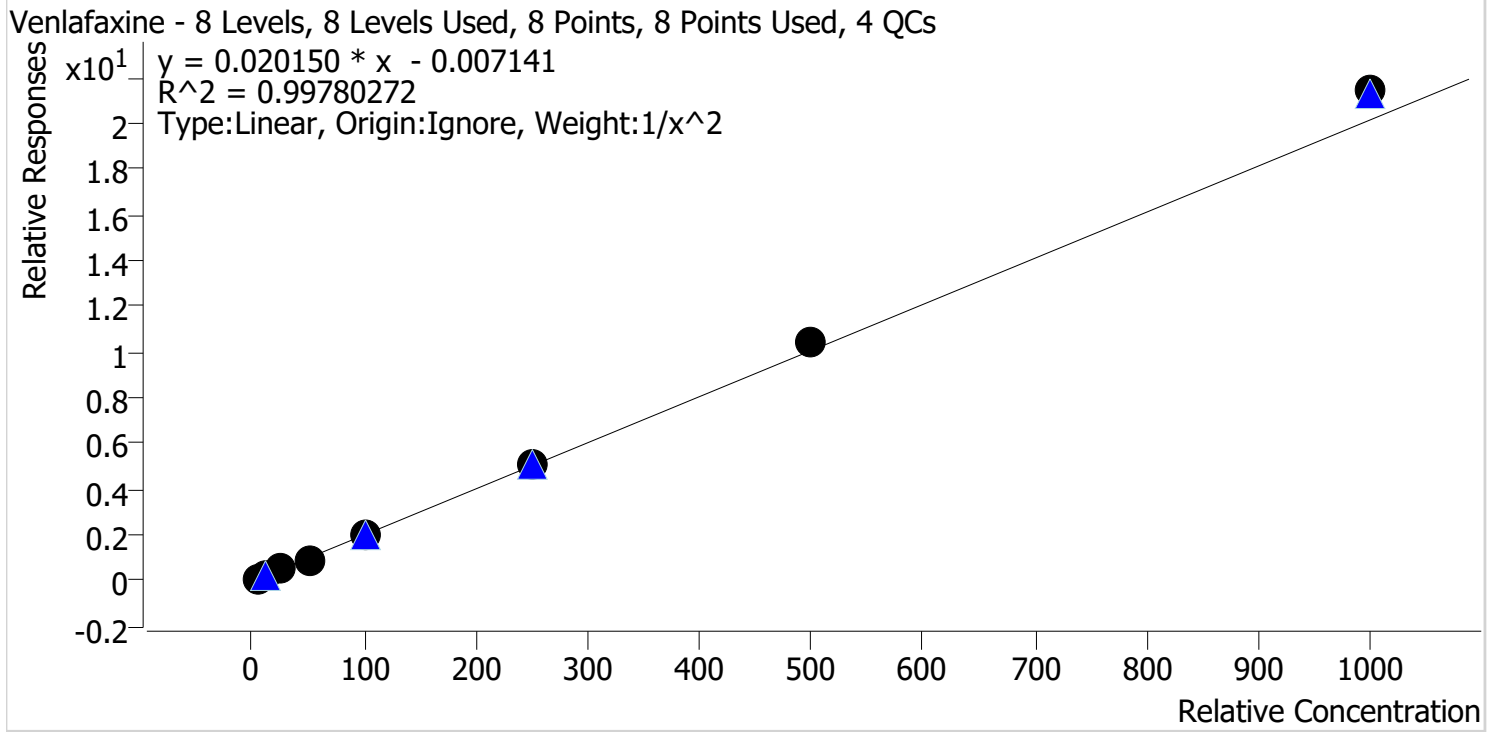


TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	519.1	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1063.6	106.4

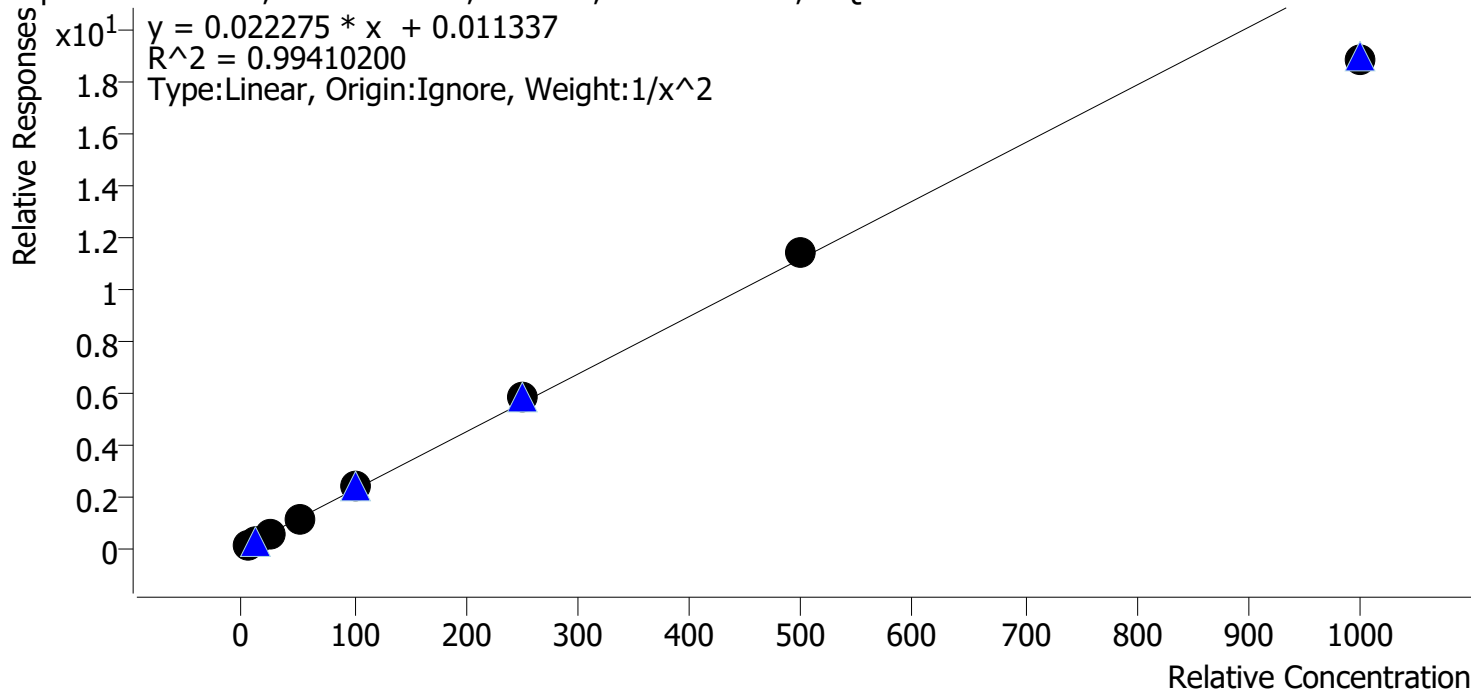
TS



# AM #28 Multi-Drug Quant. Calibration Curve Report

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Last Cal. Update** 2/9/2023 11:12 AM  
**Analyst Name** ISP\tsalazar  
**Analyte** Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	259.0	103.6
p1 Cal 7-500ng	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng	8	✓	1000.0	842.2	84.2

TS

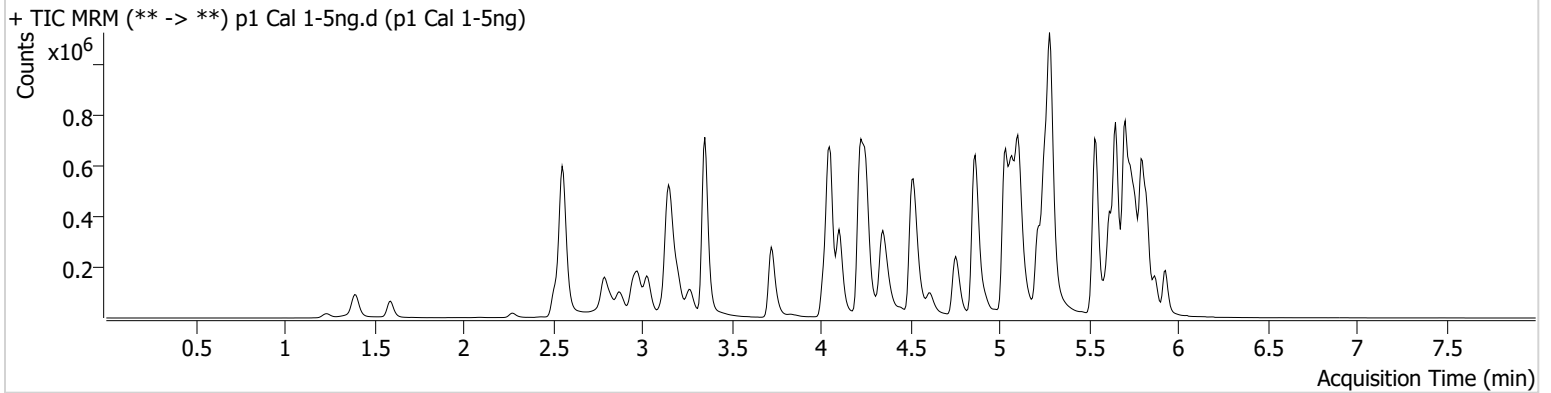


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 1-5ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 1-5ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-A1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 6:16:07 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	1548	4460.05	72.7	1115.00	86434	0.5016 ng/ml
7-aminoclonazepam	4.244	17860	88.39	85.7	148.83	141884	4.8323 ng/ml
a-hydroxyalprazolam	5.682	13326	139.95	62.2	261.29	1003902	4.9953 ng/ml
alpha-PHP	4.921	26115	833.92	251.6	140.27	652246	4.9992 ng/ml
alpha-PVP	4.357	88291	2215.69	52.9	890.62	652246	5.1018 ng/ml
Alprazolam	5.759	52024	556.48	116.0	171.43	277646	5.0203 ng/ml
Amphetamine	3.030	166842	1897.72	42.3	810.37	385416	4.5420 ng/ml
Benzoylecgonine	3.864	2151	17.83	9.8	68.65	13476	4.9147 ng/ml
Buprenorphine	5.769	2202	22.01	18.2	∞	139765	0.2597 ng/ml
Bupropion	4.771	87751	204.47	63.5	827.22	565136	4.9656 ng/ml
Carisoprodol	5.714	57084	49524.95	61.7	74.14	491440	5.2121 ng/ml
Chlorpheniramine	5.111	160351	2553.37	0.2	13.28	1328449	5.0242 ng/ml
Citalopram	5.218	94221	397.06	39.1	555.34	655432	5.0809 ng/ml
Clonazepam	5.601	55291	224.99	33.2	755.82	141395	4.8889 ng/ml
Clonazolam	5.545	41564	1806.00	39.9	28612.10	141395	4.8577 ng/ml
Cocaine	4.251	60495	94277.77	58.6	822.28	988778	5.0225 ng/ml
Codeine	2.566	8757	1767.31	105.6	19458.59	71879	4.8015 ng/ml
Cyclobenzaprine	5.618	86371	2358.41	7.0	55.63	709290	5.1189 ng/ml
Dextromethorphan	5.262	49573	5320.18	79.8	782.86	422061	4.9983 ng/ml
Dextrorphan	4.111	30078	2318.55	227.6	1156.72	649350	5.0340 ng/ml
Diazepam	5.931	39038	429.47	90.3	548.26	282822	4.9822 ng/ml
Dihydrocodeine	2.545	22777	24846.11	55.6	295.53	272616	4.7355 ng/ml
Diphenhydramine	5.290	263953	676.88	32.0	4251.82	2002449	5.1321 ng/ml
DMT	2.838	11506	273.04	120.5	300.23	422061	5.1589 ng/ml
Doxylamine	4.531	187969	1040.06	97.9	3465.81	1534608	4.9957 ng/ml
Duloxetine	5.644	8408	162.96	15.2	800.82	78577	5.0709 ng/ml
EDDP	5.255	100936	781.49	43.2	1057.86	909635	5.1030 ng/ml
Etizolam	5.797	15203	11953.21	28.0	6834.05	141395	5.1897 ng/ml
Fentanyl	5.088	9156	175.14	75.5	8214.23	751029	0.4938 ng/ml
Flualprazolam	5.695	26053	3329.13	91.2	4002.91	277646	4.7885 ng/ml
Fluorofentanyl	5.142	19301	423.20	40.0	1621.69	7264	0.5131 ng/ml
Fluoxetine	5.704	100866	1838.31	7.1	4226.70	698578	5.1622 ng/ml
Hydrocodone	3.006	38629	858.79	30.7	72.29	349181	4.8036 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	24409	641.57	72.4	883.08	153049	5.0410 ng/ml
Hydroxyzine	5.694	91785	904.10	73.5	2720.55	422061	5.1185 ng/ml
Ketamine	4.036	68486	1515.05	37.5	613.94	406715	4.8610 ng/ml
Lamotrigine	4.260	6188	241.00	88.7	492.06	1448429	4.8839 ng/ml
Lorazepam	5.737	43286	1879.83	43.4	35.46	601795	4.6375 ng/ml
MDA	3.178	118047	1001.58	35.1	160.42	667935	4.7385 ng/ml
MDMA	3.278	56407	6183.50	110.1	831.26	146944	4.9406 ng/ml
Meprobamate	4.895	44413	668.68	29.0	361.98	376644	4.7291 ng/ml
Methadone	5.649	173971	113.58	45.9	300.24	1165028	5.1442 ng/ml
Methamphetamine	3.205	194530	672.41	33.0	323.75	983659	4.9489 ng/ml
Metoprolol	4.313	17877	584.47	103.1	561.71	1370864	4.9631 ng/ml
Mirtazapine	4.613	122231	10217.54	46.2	570.47	652246	5.1421 ng/ml
Mitragynine	5.223	31933	16923.49	33.1	21579.88	1165028	5.0436 ng/ml
Morphine	1.247	4842	690.97	18.2	66.16	14407	4.8455 ng/ml
Norbuprenorphine	4.984	346	986.58	148.0 <b>High</b>	522.82	27604	0.3727 ng/ml
Nordiazepam	5.877	35039	100461.33	64.1	1095.41	193391	4.9542 ng/ml
Norfentanyl	4.071	15105	86.56	38.1	54.88	1135985	0.5191 ng/ml
Norhydrocodone	3.054	6358	82.93	40.6	177.20	134134	5.1398 ng/ml
Noroxycodone	2.897	39312	720.02	44.2	159.10	263267	5.4680 ng/ml
O-desmethyl-tramadol	3.359	143172	383.27	6.1	196.40	1622307	5.1156 ng/ml
o-desmethylvenlafaxine	4.056	205385	12511.83	19.9	205.34	326111	5.1498 ng/ml
Olanzapine	4.447	32322	370.15	59.0	340.66	156897	5.2914 ng/ml
Oxazepam	5.740	59529	601.05	75.0	102.85	601795	4.8692 ng/ml
Oxycodone	2.822	69828	336.33	26.6	2027.33	503812	4.8299 ng/ml
Oxymorphone	1.398	39723	587.13	43.7	687.00	254646	4.9627 ng/ml
Phentermine	3.760	37734	865.67	6.8	46.10	751428	4.7947 ng/ml
Promethazine	5.541	146028	684.06	30.2	300.27	1173535	5.1758 ng/ml
Pseudoephedrine	2.569	182852	4225.52	18.2	3721.49	1448429	5.1512 ng/ml
Quetiapine	5.537	98232	17125.43	61.1	87341.01	270361	4.7365 ng/ml
Sertraline	5.766	31889	216.83	107.8	524.66	268923	5.0938 ng/ml
Temazepam	5.800	104493	2519.16	25.4	30.44	1003902	5.0007 ng/ml
Tramadol	4.232	145876	248.24	3.4	58.46	1370864	4.9179 ng/ml
Trazodone	5.114	102650	73.98	65.7	132.85	744301	4.7971 ng/ml
Venlafaxine	5.036	142416	584.34	34.2	1053.51	1482777	5.1209 ng/ml
Zolpidem	4.884	153260	1983.32	28.4	429.71	1272246	4.8991 ng/ml

TS

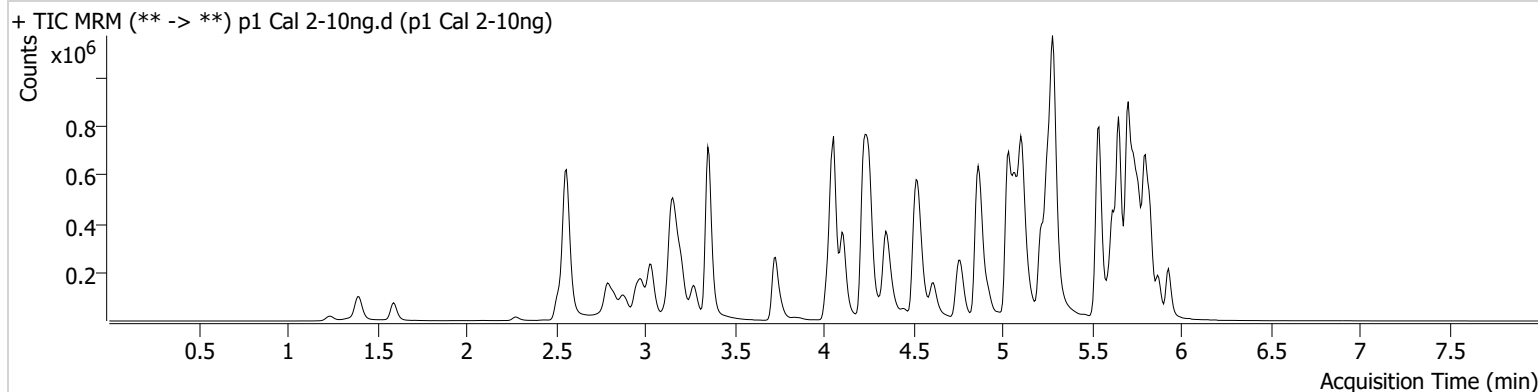


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 2-10ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 2-10ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-B1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 6:26:55 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	2957	1833.21	72.2	162.29	81478	0.9978 ng/ml
7-aminoclonazepam	4.244	29917	124.47	89.1	125.53	122395	10.2161 ng/ml
a-hydroxyalprazolam	5.682	24750	239.85	66.4	266.88	972651	9.8739 ng/ml
alpha-PHP	4.921	47400	220.70	251.0	1374.69	613218	9.9420 ng/ml
alpha-PVP	4.357	161921	2306.94	53.1	2115.20	613218	9.7361 ng/ml
Alprazolam	5.759	98144	209.93	117.1	563.88	264618	9.9552 ng/ml
Amphetamine	3.037	303969	1752.48	42.6	1293.38	361640	10.1057 ng/ml
Benzoylecgonine	3.871	4297	75.30	8.1	141.98	13105	10.2486 ng/ml
Buprenorphine	5.769	3979	4691.20	11.5 <b>Low</b>	473.84	125254	0.8544 ng/ml
Bupropion	4.771	161112	589.30	63.5	522.49	519499	10.0439 ng/ml
Carisoprodol	5.714	104496	761.20	61.0	244.89	450988	9.6074 ng/ml
Chlordiazepoxide	5.828	36131	2971.15	189.4	740.98	566654	3.2835 ng/ml
Chlorpheniramine	5.111	299776	4925.81	0.3	29.91	1231471	9.9940 ng/ml
Citalopram	5.218	171807	2594.41	39.4	140.67	610691	9.7546 ng/ml
Clonazepam	5.601	103254	5290.05	35.0	36563.82	136994	10.0631 ng/ml
Clonazolam	5.545	78984	3216.07	37.2	44198.79	136994	10.3177 ng/ml
Cocaine	4.257	110615	156.80	58.2	1889.69	908332	9.9637 ng/ml
Codeine	2.566	15545	42601.11	110.1	31258.81	67617	10.0769 ng/ml
Cyclobenzaprine	5.625	164489	533.90	7.6	87.22	667579	9.8346 ng/ml
Dextromethorphan	5.262	94253	4193.89	77.1	5852.52	392902	10.0951 ng/ml
Dextrorphan	4.111	56722	2062.75	218.2	727.60	600661	9.9674 ng/ml
Diazepam	5.931	74091	354.84	90.2	685.42	268946	9.9792 ng/ml
Dihydrocodeine	2.545	43421	2737.01	54.1	356.17	256071	10.5625 ng/ml
Diphenhydramine	5.290	481072	850.92	32.2	4356.19	1850849	9.6942 ng/ml
DMT	2.838	21713	2311.02	119.2	1766.22	392902	9.8842 ng/ml
Doxylamine	4.531	352903	20368.78	100.0	17788.03	1430354	10.0629 ng/ml
Duloxetine	5.644	15789	3824.19	14.1	91.46	77981	9.6963 ng/ml
EDDP	5.255	179558	3000.53	42.4	40471.30	827362	9.7869 ng/ml
Etizolam	5.797	28773	31560.26	26.0	9253.48	136994	9.7565 ng/ml
Fentanyl	5.088	15879	730.05	69.5	17084.70	700307	0.9928 ng/ml
Flualprazolam	5.695	48471	1789.84	96.3	14059.10	264618	10.3773 ng/ml
Fluorofentanyl	5.142	35552	∞	41.6	6083.34	6436	0.9885 ng/ml
Fluoxetine	5.704	195296	6130660.81	7.6	413.34	674930	9.6882 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	68575	107.02	31.7	55.03	322615	10.2921 ng/ml
Hydromorphone	1.602	45340	28.12	72.5	607.01	142775	9.8865 ng/ml
Hydroxyzine	5.694	175360	8045.44	71.0	1178.38	392902	9.9355 ng/ml
Ketamine	4.036	121929	8146.33	40.5	77.06	383897	10.0723 ng/ml
Lamotrigine	4.267	11207	305.83	86.8	787.95	1356509	10.1104 ng/ml
Lorazepam	5.737	84826	641.96	43.3	111.37	575574	10.8890 ng/ml
MDA	3.184	215848	794.11	35.6	432.24	628952	10.4482 ng/ml
MDMA	3.278	106257	12991.21	109.6	1033.49	135841	10.1817 ng/ml
Meprobamate	4.895	81449	510.01	29.2	389.95	349646	10.5680 ng/ml
Methadone	5.649	314919	18313.62	45.8	312.95	1096821	9.6556 ng/ml
Methamphetamine	3.205	307024	1160.11	33.2	593.59	926576	9.9637 ng/ml
Metoprolol	4.320	33198	1189.36	100.0	108.13	1286349	10.0147 ng/ml
Mirtazapine	4.613	223959	2734.94	48.9	5879.21	613218	9.6021 ng/ml
Mitragynine	5.223	56676	488002.93	35.4	1151.51	1096821	9.8929 ng/ml
Morphine	1.247	9297	892.90	16.4	370.17	13257	10.3430 ng/ml
Norbuprenorphine	4.990	737	1118.38	126.5	815.84	25633	1.0608 ng/ml
Nordiazepam	5.877	67225	419.48	62.2	589.42	187348	10.0658 ng/ml
Norfentanyl	4.071	28407	981.60	37.4	258.16	1058787	0.9780 ng/ml
Norhydrocodone	3.054	12328	95.89	35.9	108.20	124139	9.8147 ng/ml
Noroxycodone	2.897	71374	1625.01	43.5	655.59	248048	10.1236 ng/ml
O-desmethyl-tramadol	3.359	267767	5077.08	5.8	3771.92	1532115	9.7863 ng/ml
o-desmethylvenlafaxine	4.056	388172	8561.03	19.7	702.93	304455	9.7299 ng/ml
Olanzapine	4.455	50589	248.20	62.7	341.63	132462	9.1777 ng/ml
Oxazepam	5.740	114799	237.89	73.3	364.58	575574	10.2269 ng/ml
Oxycodone	2.822	130011	766.30	27.2	721.16	469039	10.3701 ng/ml
Oxymorphone	1.398	73265	458.54	43.4	420.12	237363	10.0133 ng/ml
Phentermine	3.767	69490	833.30	7.1	31.21	705536	10.2737 ng/ml
Promethazine	5.541	267845	1214.30	30.5	302.04	1111826	9.6140 ng/ml
Pseudoephedrine	2.569	340798	898.05	18.0	5474.33	1356509	9.7343 ng/ml
Quetiapine	5.537	182259	157.89	59.9	98409.47	248028	10.6035 ng/ml
Sertraline	5.773	66534	422.78	100.6	696209.42	278753	9.8794 ng/ml
Temazepam	5.800	203636	3502.23	26.7	142.73	972651	10.0389 ng/ml
Tramadol	4.232	267194	∞	3.5	54.68	1286349	10.0801 ng/ml
Trazodone	5.114	188072	325.59	67.9	9029.12	690116	10.3052 ng/ml
Venlafaxine	5.036	264049	6113.26	35.4	200.67	1396484	9.7379 ng/ml
Zolpidem	4.884	286376	4144.46	28.1	747.33	1200931	10.1965 ng/ml

TS

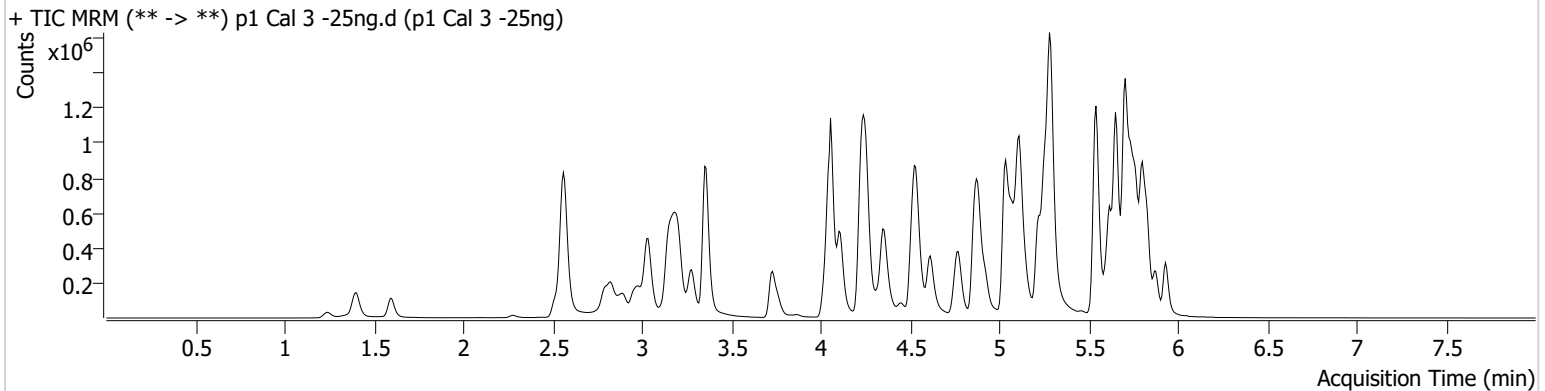


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 3 -25ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 3 -25ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-C1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 6:37:33 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	7266	532.20	75.7	11549.77	79779	2.4760 ng/ml
7-aminoclonazepam	4.244	78758	571.92	89.1	1087.29	129140	26.8112 ng/ml
a-hydroxyalprazolam	5.682	60308	269.65	67.8	656.66	934146	25.5515 ng/ml
alpha-PHP	4.921	115246	1772.73	251.5	24692.21	593801	25.4349 ng/ml
alpha-PVP	4.357	401666	442.30	53.2	318.40	593801	24.5870 ng/ml
Alprazolam	5.759	236398	1301.93	116.1	5760.95	255375	24.8741 ng/ml
Amphetamine	3.037	746078	12541.45	41.7	706.74	359583	26.9525 ng/ml
Benzoylcegonine	3.871	10842	363.99	9.1	69.81	13032	26.2302 ng/ml
Buprenorphine	5.769	9524	4820.40	16.2	3382.98	126584	2.4692 ng/ml
Bupropion	4.771	404653	8208.17	61.6	784.12	519100	25.4375 ng/ml
Carisoprodol	5.714	251745	405.10	61.0	109.24	423320	23.4152 ng/ml
Chlordiazepoxide	5.835	92250	4639.23	183.9	1815.58	564061	23.3074 ng/ml
Chlorpheniramine	5.111	734868	3994.32	0.3	41.95	1212139	24.6870 ng/ml
Citalopram	5.218	436430	218.04	38.4	4952.02	602660	24.7983 ng/ml
Clonazepam	5.601	258045	5118.57	34.7	236.63	134469	26.6879 ng/ml
Clonazolam	5.545	187574	168278.01	37.1	54310.35	134469	26.1298 ng/ml
Cocaine	4.257	274278	409.65	57.7	284.62	897244	24.9607 ng/ml
Codeine	2.573	39110	∞	106.7	∞	65110	28.1755 ng/ml
Cyclobenzaprine	5.625	404110	24202.99	7.2	668.17	661820	23.6156 ng/ml
Dextromethorphan	5.262	228407	457.77	81.0	274.05	388801	24.5643 ng/ml
Dextrorphan	4.111	141528	6039.62	216.3	1737.11	594643	24.6892 ng/ml
Diazepam	5.931	183434	413.98	89.0	578.97	262455	25.3724 ng/ml
Dihydrocodeine	2.545	105158	30309.75	55.2	289.71	254669	27.0477 ng/ml
Diphenhydramine	5.290	1215056	405.76	31.6	531.95	1830674	24.0746 ng/ml
DMT	2.838	50946	374.49	125.3	1652.49	388801	22.6705 ng/ml
Doxylamine	4.531	870120	33583.21	99.1	34416.76	1437825	24.6823 ng/ml
Duloxetine	5.644	39231	2712.77	14.1	66.58	74989	25.2337 ng/ml
EDDP	5.255	428558	454.85	41.8	1829.20	777776	24.5366 ng/ml
Etizolam	5.797	68108	255556.04	28.6	17345.72	134469	22.9637 ng/ml
Fentanyl	5.088	39851	1665.42	68.7	63884.15	703469	2.6101 ng/ml
Flualprazolam	5.695	114637	9738.01	97.5	21886.34	255375	27.0010 ng/ml
Fluorofentanyl	5.142	90641	2403.84	40.0	4127.52	6711	2.3123 ng/ml
Fluoxetine	5.704	471536	∞	7.4	142.85	638258	23.7195 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	168396	137.74	31.4	606.63	321812	27.0219 ng/ml
Hydromorphone	1.602	113560	1748.96	72.0	7541.65	140406	24.9438 ng/ml
Hydroxyzine	5.694	418512	3772.16	74.2	4506.70	388801	23.1982 ng/ml
Ketamine	4.036	299682	377.45	41.1	335.69	377967	26.6711 ng/ml
Lamotrigine	4.267	27361	893.77	88.3	1542.45	1320592	26.4320 ng/ml
Lorazepam	5.737	195949	1518.47	45.5	328.00	554744	27.9448 ng/ml
MDA	3.184	516677	4881.30	35.3	1389.97	615698	27.4620 ng/ml
MDMA	3.278	262786	3000.26	111.0	2220.23	136706	25.1812 ng/ml
Meprobamate	4.895	197366	8574.90	28.2	1217.91	353670	27.0702 ng/ml
Methadone	5.656	784753	10928.48	45.8	7036.09	1076529	24.1218 ng/ml
Methamphetamine	3.205	698042	843.12	33.2	1873.14	928061	25.7596 ng/ml
Metoprolol	4.320	83321	263.22	101.0	2390.33	1273034	25.6997 ng/ml
Mirtazapine	4.613	563386	3342.07	47.7	2073.15	593801	24.2385 ng/ml
Mitragynine	5.223	134974	145456.38	35.9	146439.46	1076529	24.6242 ng/ml
Morphine	1.247	22306	4839.09	17.2	371.45	12639	26.3533 ng/ml
Norbuprenorphine	4.990	1647	765.63	111.9	1970.57	25618	2.5693 ng/ml
Nordiazepam	5.877	162912	1669.63	63.1	392.09	182719	25.3964 ng/ml
Norfentanyl	4.071	67542	18326.13	38.7	1055.15	1035825	2.2794 ng/ml
Norhydrocodone	3.054	28049	213.45	39.5	61.01	112274	23.3716 ng/ml
Noroxycodone	2.897	170099	2325.44	45.0	1971.58	236135	24.6743 ng/ml
O-desmethyl-tramadol	3.359	666280	1393.95	6.0	395.20	1524336	23.9483 ng/ml
o-desmethylvenlafaxine	4.056	979669	59966.86	19.6	1351.06	302072	23.7022 ng/ml
Olanzapine	4.447	122799	368.58	58.7	807.73	117000	23.9283 ng/ml
Oxazepam	5.740	275097	3233.39	74.3	174.12	554744	26.0253 ng/ml
Oxycodone	2.822	313049	1082.94	28.4	1285.42	465646	26.1646 ng/ml
Oxymorphone	1.398	180727	542.69	43.0	595.99	231628	25.6140 ng/ml
Phentermine	3.767	175193	390.68	6.7	177.03	703862	27.3444 ng/ml
Promethazine	5.541	648296	1029.03	30.8	1400.51	1057944	23.7848 ng/ml
Pseudoephedrine	2.569	829780	1237.84	18.0	9196.09	1320592	23.5621 ng/ml
Quetiapine	5.544	443670	12309.06	60.3	501.72	251125	26.9000 ng/ml
Sertraline	5.773	158733	669.42	101.7	400.05	268999	23.8812 ng/ml
Temazepam	5.800	481447	895.75	26.7	273.48	934146	24.6843 ng/ml
Tramadol	4.232	655594	855.89	3.6	160.83	1273034	25.7380 ng/ml
Trazodone	5.114	475784	57507.22	66.6	10472.01	695125	27.1612 ng/ml
Venlafaxine	5.036	660666	32329.88	34.6	394.38	1365198	24.3706 ng/ml
Zolpidem	4.884	698804	68824.23	28.1	5589.42	1200517	25.6231 ng/ml



TS

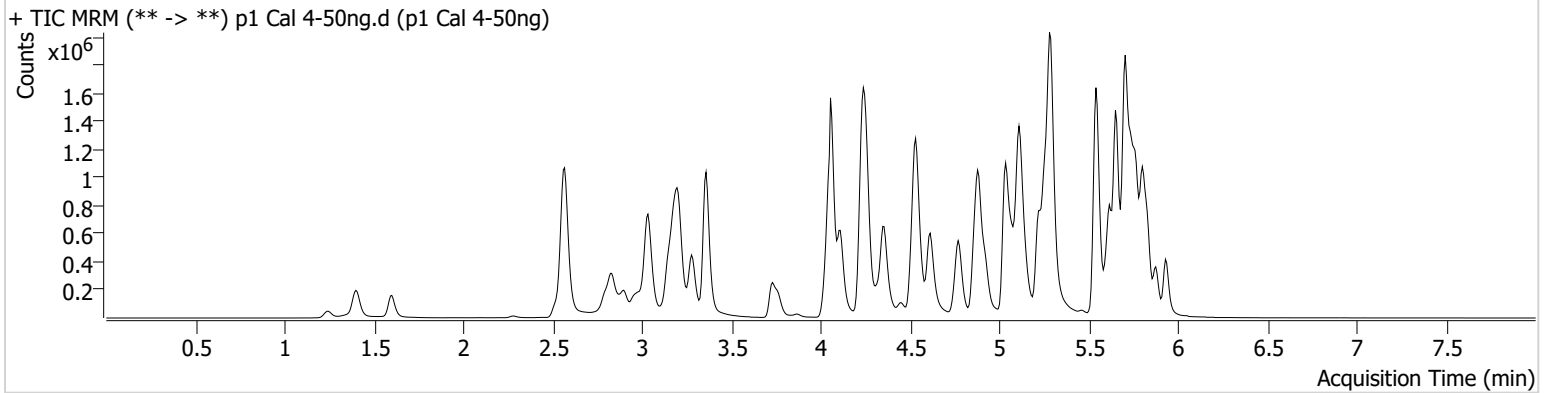


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 4-50ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 4-50ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-D1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 6:48:10 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	13592	13606.04	70.9	1215.36	73687	4.9959 ng/ml
7-aminoclonazepam	4.244	142893	1623.80	86.2	264.63	118705	53.7812 ng/ml
a-hydroxyalprazolam	5.682	100903	432.96	66.5	255.92	781957	51.3966 ng/ml
alpha-PHP	4.921	194652	9826.77	258.4	3911.82	520677	49.2824 ng/ml
alpha-PVP	4.357	693373	644.49	53.1	880.63	520677	48.1840 ng/ml
Alprazolam	5.759	414396	1812.90	114.2	∞	227464	48.9714 ng/ml
Amphetamine	3.037	1304762	36311.13	41.5	1910.72	334367	51.8934 ng/ml
Benzoylcegonine	3.871	19208	458.77	8.4	37.45	12769	47.5437 ng/ml
Buprenorphine	5.769	15409	16017.89	15.7	1675.71	106900	5.0287 ng/ml
Bupropion	4.778	707190	47277.86	63.5	549.86	464544	49.7973 ng/ml
Carisoprodol	5.714	427029	18317.98	60.5	319.48	363696	45.4567 ng/ml
Chlordiazepoxide	5.835	159129	4585.80	184.3	1841.04	501221	54.1983 ng/ml
Chlorpheniramine	5.111	1290327	3594.02	0.3	96.52	1070276	48.9580 ng/ml
Citalopram	5.218	739245	343.14	38.9	52477.33	514472	49.0102 ng/ml
Clonazepam	5.601	437136	20164.29	34.0	233651.65	117489	52.3922 ng/ml
Clonazolam	5.545	323965	8745.51	35.9	65419.21	117489	52.4552 ng/ml
Cocaine	4.257	485238	98630.62	57.1	472.68	809351	48.9224 ng/ml
Codeine	2.573	69922	10405.71	102.6	1070.88	60155	55.5928 ng/ml
Cyclobenzaprine	5.625	685931	390.90	7.5	483.25	551002	47.6156 ng/ml
Dextromethorphan	5.262	392681	188.32	78.8	354.37	331008	49.4942 ng/ml
Dextrorphan	4.111	245120	16709.07	218.8	1642.00	518980	48.7150 ng/ml
Diazepam	5.938	314259	301.39	87.5	1409.33	227792	50.1170 ng/ml
Dihydrocodeine	2.545	189035	96.88	55.7	6253.00	232738	54.0975 ng/ml
Diphenhydramine	5.290	2127300	439.68	31.7	30330.23	1600219	47.7805 ng/ml
DMT	2.838	89316	910.51	127.1	7252.99	331008	46.0924 ng/ml
Doxylamine	4.531	1555292	6294.61	98.6	2408.75	1287354	49.2750 ng/ml
Duloxetine	5.644	68867	1316.23	14.4	785.44	67504	49.3160 ng/ml
EDDP	5.255	648503	427.75	42.3	299.58	604596	47.5728 ng/ml
Etizolam	5.797	120453	82537.31	27.5	52200.49	117489	46.0733 ng/ml
Fentanyl	5.088	67568	274.89	72.2	5392.78	609819	5.1878 ng/ml
Flualprazolam	5.695	200743	2991.63	94.2	10802.65	227464	54.1287 ng/ml
Fluorofentanyl	5.142	158951	29198.36	40.2	1497.73	5782	4.6319 ng/ml
Fluoxetine	5.704	784937	61203.62	7.4	76121.04	531465	46.7648 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	293760	757.08	32.3	632.41	289848	53.4172 ng/ml
Hydromorphone	1.602	204881	2469.43	73.2	11569.23	129235	48.7465 ng/ml
Hydroxyzine	5.694	724372	54147.78	73.5	91130.11	331008	46.6036 ng/ml
Ketamine	4.036	529949	1212.50	40.8	428.08	336726	53.9453 ng/ml
Lamotrigine	4.267	46755	716.18	88.2	1619.42	1182362	51.0967 ng/ml
Lorazepam	5.737	303821	2851.42	48.2	430.06	461266	53.2528 ng/ml
MDA	3.184	901708	2910.15	35.4	1096.89	549664	54.9489 ng/ml
MDMA	3.278	468888	4841.29	111.3	5180.43	122957	50.0632 ng/ml
Meprobamate	4.895	342936	394.16	28.2	216.80	311157	54.6878 ng/ml
Methadone	5.656	1309244	1295.39	46.0	733.72	914559	47.1249 ng/ml
Methamphetamine	3.212	1223341	9919.86	32.5	509.56	838908	52.2652 ng/ml
Metoprolol	4.320	147854	516227.83	101.2	1028.64	1162079	50.1445 ng/ml
Mirtazapine	4.613	1000378	82006.25	47.7	78130.69	520677	48.6307 ng/ml
Mitragynine	5.223	223610	1184.69	36.6	22160.90	914559	48.4326 ng/ml
Morphine	1.247	40239	1771.16	17.0	647.69	11829	50.9934 ng/ml
Norbuprenorphine	4.990	2905	1845.79	101.7	23.94	21918	5.4678 ng/ml
Nordiazepam	5.877	279765	900.97	64.2	682.09	158080	50.6657 ng/ml
Norfentanyl	4.071	121193	1598.46	37.5	438.96	924186	4.5152 ng/ml
Norhydrocodone	3.060	48902	189.04	39.1	62.45	94463	47.4959 ng/ml
Noroxycodone	2.904	298437	474.38	44.6	544.16	216289	46.8552 ng/ml
O-desmethyl-tramadol	3.359	1199004	29687.79	6.0	586.09	1363242	47.8332 ng/ml
o-desmethylvenlafaxine	4.056	1757680	46011.05	19.2	1388.56	269741	46.9374 ng/ml
Olanzapine	4.447	161406	1123.99	57.5	722.68	77816	46.5657 ng/ml
Oxazepam	5.740	457038	11548.37	73.8	1466.69	461266	52.4018 ng/ml
Oxycodone	2.822	556470	833.54	28.0	6221.39	416026	52.7603 ng/ml
Oxymorphone	1.398	319426	845.24	43.2	761.54	209849	50.1584 ng/ml
Phentermine	3.767	313012	963.64	6.6	235.88	646791	54.0206 ng/ml
Promethazine	5.541	1077073	1942.96	30.6	253.25	890232	46.5371 ng/ml
Pseudoephedrine	2.569	1507061	11010.89	17.8	925.30	1182362	47.2598 ng/ml
Quetiapine	5.544	769173	39155.66	59.9	409.32	223478	53.3543 ng/ml
Sertraline	5.773	283964	5421.89	100.4	129298.55	236434	48.2243 ng/ml
Temazepam	5.800	808700	624.47	26.4	139.60	781957	49.5131 ng/ml
Tramadol	4.239	1205158	3454.30	3.5	847.82	1162079	52.3424 ng/ml
Trazodone	5.114	823686	49155.79	66.8	236.18	614063	54.0416 ng/ml
Venlafaxine	5.036	1152442	1181.33	35.1	458.71	1215723	47.3983 ng/ml
Zolpidem	4.884	1256089	4891.20	27.9	2103.25	1087417	51.3485 ng/ml

TS

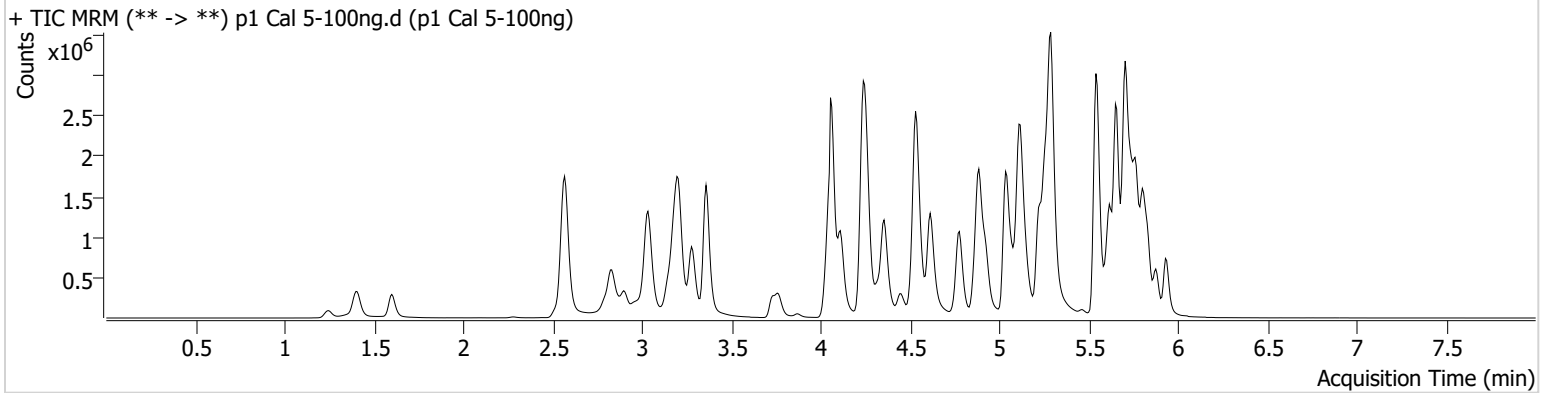


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 5-100ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 5-100ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-E1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 6:58:47 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	28802	1194.08	72.9	956.41	78230	9.9535 ng/ml
7-aminoclonazepam	4.251	290386	1462.26	87.0	9008.97	123674	105.7430 ng/ml
a-hydroxyalprazolam	5.682	178100	807.74	65.4	383.46	710387	100.1650 ng/ml
alpha-PPH	4.928	428758	3299.97	255.7	1305.59	554111	102.3381 ng/ml
alpha-PVP	4.357	1520320	5921.46	53.3	827.83	554111	99.0349 ng/ml
Alprazolam	5.759	834492	1246.20	114.7	982.69	220057	101.9557 ng/ml
Amphetamine	3.037	2482298	5638.84	41.5	20592.47	346166	96.5063 ng/ml
Benzoylcegonine	3.871	42405	388.30	8.6	41.12	13560	98.9939 ng/ml
Buprenorphine	5.769	33640	5593.05	16.1	5252.21	118307	10.2360 ng/ml
Bupropion	4.778	1583922	46226.89	62.4	7366.23	502851	103.1716 ng/ml
Carisoprodol	5.714	747988	20046.42	59.8	410.68	301996	95.0093 ng/ml
Chlordiazepoxide	5.835	296816	10826.77	194.5	2737.41	497038	110.3241 ng/ml
Chlorpheniramine	5.111	2795668	5625.07	0.3	116.80	1140259	99.4231 ng/ml
Citalopram	5.218	1572021	10831.01	38.1	47480.43	543129	98.5222 ng/ml
Clonazepam	5.601	845168	694.78	33.3	410.13	113657	105.4004 ng/ml
Clonazolam	5.545	604537	184228.26	37.2	138243.26	113657	101.9483 ng/ml
Cocaine	4.257	1016727	43609.47	57.4	638.90	832135	99.6666 ng/ml
Codeine	2.573	129606	653.53	105.0	10334.11	59505	105.1733 ng/ml
Cyclobenzaprine	5.625	1519391	46153.19	7.0	108.90	582316	99.2403 ng/ml
Dextromethorphan	5.269	801737	38571.28	79.7	345948.87	335160	99.6896 ng/ml
Dextrorphan	4.111	527171	9662.41	220.5	33118.76	544208	99.6137 ng/ml
Diazepam	5.938	661507	3926.25	88.7	532.41	233113	103.1250 ng/ml
Dihydrocodeine	2.545	380135	1124.98	56.4	184.96	240719	106.0520 ng/ml
Diphenhydramine	5.290	4558028	57336.98	31.5	34333.82	1650417	98.7906 ng/ml
DMT	2.838	190565	1805.45	130.3	2865.35	335160	96.5058 ng/ml
Doxylamine	4.531	3440118	8641.13	97.6	8243.51	1384833	101.3184 ng/ml
Duloxetine	5.644	136493	3114.34	15.4	197.53	66151	99.8585 ng/ml
EDDP	5.255	1585300	15926.22	42.2	794.29	730608	96.0291 ng/ml
Etizolam	5.804	241433	6182.17	27.5	152056.20	113657	95.0329 ng/ml
Fentanyl	5.094	147624	4067.61	68.7	296471.07	645537	10.7992 ng/ml
Flualprazolam	5.695	365148	1303.98	100.1	172940.18	220057	102.7255 ng/ml
Fluorofentanyl	5.149	351013	10367.81	40.6	8341.91	5857	10.0107 ng/ml
Fluoxetine	5.704	1533259	1792.71	7.5	135259.36	492319	97.8861 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	607087	327.74	31.5	190.76	304640	106.1460 ng/ml
Hydromorphone	1.602	430221	9666.98	72.8	1367483.66	131360	100.5426 ng/ml
Hydroxyzine	5.701	1555643	156941.37	75.7	13108.64	335160	98.2382 ng/ml
Ketamine	4.036	1106237	58248.61	40.8	525.60	355191	107.7524 ng/ml
Lamotrigine	4.267	97540	1589.54	87.0	14177.31	1163755	109.1004 ng/ml
Lorazepam	5.737	480293	1266.15	48.7	1764.78	385792	101.8305 ng/ml
MDA	3.184	1674861	6040.34	34.9	855.50	529400	107.1999 ng/ml
MDMA	3.278	979152	44670.69	112.5	4785.85	125601	102.4579 ng/ml
Meprobamate	4.895	637209	919.58	28.8	5779.53	303584	105.2865 ng/ml
Methadone	5.656	2937610	168144.79	44.9	1408.88	976825	98.7153 ng/ml
Methamphetamine	3.212	2569146	34967.73	32.6	1493.49	898127	104.9048 ng/ml
Metoprolol	4.320	310973	291762.70	101.4	2073.09	1199893	102.3459 ng/ml
Mirtazapine	4.613	2191414	241787.45	47.4	2695.93	554111	99.6342 ng/ml
Mitragynine	5.223	509966	107231.82	35.7	149419.29	976825	103.9084 ng/ml
Morphine	1.247	84662	894.53	17.1	294.84	12289	103.4887 ng/ml
Norbuprenorphine	4.990	6073	1415.29	102.6	1972.03	24376	10.4173 ng/ml
Nordiazepam	5.877	553700	26621.37	63.8	3926.62	155826	101.9879 ng/ml
Norfentanyl	4.078	246714	7213.21	37.8	564.48	886410	9.5069 ng/ml
Norhydrocodone	3.060	94557	178.27	39.0	134.26	86329	99.5210 ng/ml
Noroxycodone	2.904	588368	2098.58	42.9	2986.48	207495	95.8201 ng/ml
O-desmethyl-tramadol	3.359	2569245	602874.16	6.0	441.24	1409563	98.7530 ng/ml
o-desmethylvenlafaxine	4.063	3750785	143182.42	18.9	3030.21	272876	98.2578 ng/ml
Olanzapine	4.447	499596	2712.81	59.1	196.30	117381	94.7736 ng/ml
Oxazepam	5.740	760021	872.06	75.7	7485.25	385792	104.5857 ng/ml
Oxycodone	2.822	1167195	2172.50	28.0	758.07	440725	105.1594 ng/ml
Oxymorphone	1.405	661014	∞	44.3	∞	211253	103.3158 ng/ml
Phentermine	3.767	635486	776.91	6.7	1556.95	670737	106.6251 ng/ml
Promethazine	5.541	2517398	1504.30	29.9	2193.92	972779	99.0449 ng/ml
Pseudoephedrine	2.569	3098716	1853.79	17.7	354.00	1163755	98.1574 ng/ml
Quetiapine	5.544	1579126	26391.76	60.5	48640.74	232327	106.3418 ng/ml
Sertraline	5.773	555150	∞	100.3	1606386.23	227253	97.7058 ng/ml
Temazepam	5.807	1501775	20548.61	25.7	335.99	710387	101.1903 ng/ml
Tramadol	4.239	2436832	∞	3.5	314.80	1199893	102.9847 ng/ml
Trazodone	5.114	1702678	718.44	69.3	508.91	659965	104.7234 ng/ml
Venlafaxine	5.036	2483674	2324.52	34.8	653.99	1283617	96.3780 ng/ml
Zolpidem	4.884	2712011	15767.00	27.8	14403.49	1153094	105.0787 ng/ml

TS

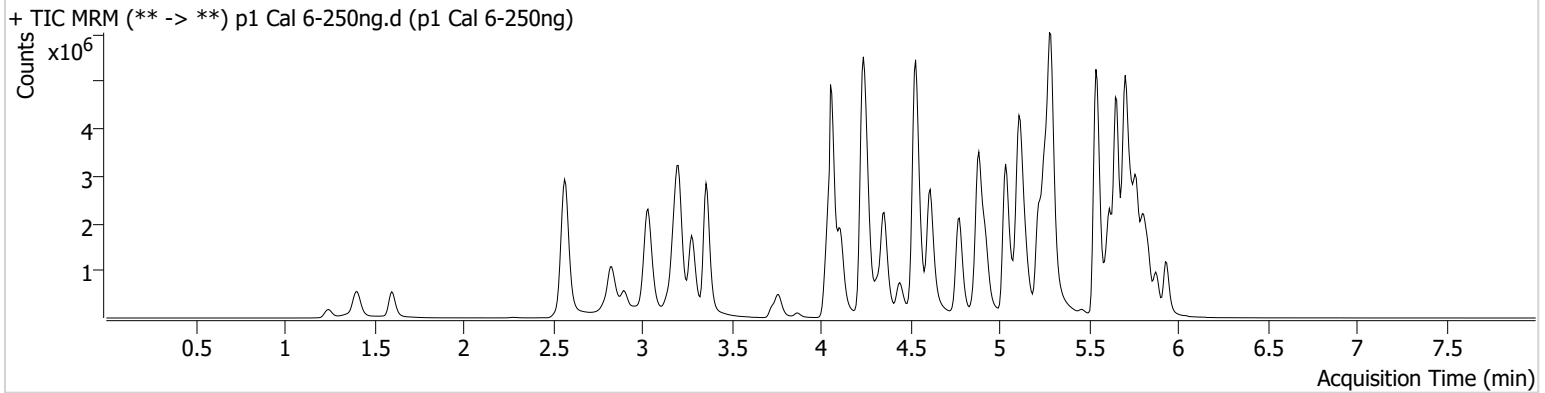


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 6-250ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 6-250ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-F1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 7:09:24 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	64289	1524.44	72.6	4792.74	68612	25.3028 ng/ml
7-aminoclonazepam	4.244	583445	3770.95	88.1	2654.38	108261	243.8540 ng/ml
a-hydroxyalprazolam	5.682	276541	424.46	66.5	1317.68	434449	254.8125 ng/ml
alpha-PHP	4.921	897086	10916.61	253.8	5518.39	476676	249.3520 ng/ml
alpha-PVP	4.357	3258473	103195.04	52.8	16154.84	476676	246.4020 ng/ml
Alprazolam	5.759	1524368	1029.66	114.0	675.08	162080	252.8906 ng/ml
Amphetamine	3.037	4591107	118339.23	41.3	37435.57	313240	198.6803 ng/ml
Benzoylecgonine	3.871	96997	668.77	7.8	430.46	12118	253.6107 ng/ml
Buprenorphine	5.769	70736	11551.82	15.5	15250.34	98539	26.3382 ng/ml
Bupropion	4.778	3390028	1021.11	62.0	1652.48	439312	252.9367 ng/ml
Carisoprodol	5.721	1178731	276.72	59.0	448.17	177947	252.7670 ng/ml
Chlordiazepoxide	5.835	523268	13502.08	203.6	3648.78	387796	261.2641 ng/ml
Chlorpheniramine	5.111	5997127	13440.52	0.3	100.38	967956	251.0344 ng/ml
Citalopram	5.218	3062679	33923.14	39.1	54352.27	414057	251.4723 ng/ml
Clonazepam	5.601	1441573	57872.03	33.4	453.36	85281	240.4743 ng/ml
Clonazolam	5.552	977881	7421.81	38.2	417566.65	85281	220.7294 ng/ml
Cocaine	4.257	2053296	849.79	56.7	481.73	679030	246.6124 ng/ml
Codeine	2.573	231218	∞	103.0	172.49	48448	231.8144 ng/ml
Cyclobenzaprine	5.625	3001622	670.29	7.0	216.04	454990	250.1363 ng/ml
Dextromethorphan	5.262	1541730	836.96	78.4	74561.07	256745	250.0877 ng/ml
Dextrorphan	4.111	1076636	29761.31	222.8	77613.47	447171	247.1645 ng/ml
Diazepam	5.938	1239507	438.86	87.3	1897.95	179241	251.3597 ng/ml
Dihydrocodeine	2.545	771646	1373.82	55.9	9731.94	220458	236.1872 ng/ml
Diphenhydramine	5.290	9362245	882.21	30.6	41876.71	1283191	260.2694 ng/ml
DMT	2.838	392958	3266.52	136.3	30839.67	256745	258.8353 ng/ml
Doxylamine	4.531	7811232	10948.37	97.1	4571.98	1214901	262.2354 ng/ml
Duloxetine	5.644	254991	4525.82	15.0	491.14	48004	257.2546 ng/ml
EDDP	5.255	3361976	58109.88	41.9	62176.77	594831	249.8114 ng/ml
Etizolam	5.804	463466	1322.27	28.0	30445.69	85281	242.5075 ng/ml
Fentanyl	5.088	298553	3478.02	69.9	433.34	556926	25.4315 ng/ml
Flualprazolam	5.695	628914	170.30	99.4	101724.45	162080	241.6672 ng/ml
Fluorofentanyl	5.149	750615	7133.32	39.9	18357.97	4775	26.1416 ng/ml
Fluoxetine	5.711	2641221	1021.97	7.4	401.11	330917	249.8412 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	1227642	∞	32.2	1167.36	263624	249.5835 ng/ml
Hydromorphone	1.602	928910	3384924.46	72.3	2020117.03	114272	249.3229 ng/ml
Hydroxyzine	5.701	3104937	42829.22	75.4	4165.66	256745	255.0924 ng/ml
Ketamine	4.036	2225539	113266.71	40.2	949.56	302412	256.0008 ng/ml
Lamotrigine	4.267	178699	9348.44	89.1	4584.53	911195	256.2357 ng/ml
Lorazepam	5.737	613463	2557.53	48.0	135.46	220283	229.4238 ng/ml
MDA	3.184	2924525	12395.64	34.5	953.69	428130	232.9966 ng/ml
MDMA	3.278	2065605	3260.88	111.4	10744.50	106878	254.1717 ng/ml
Meprobamate	4.895	1072601	783.60	28.4	22787.05	227429	238.1373 ng/ml
Methadone	5.656	6171287	1543.85	43.3	1417.36	759972	266.1203 ng/ml
Methamphetamine	3.205	5466941	2423.96	31.4	48197.68	805947	252.1546 ng/ml
Metoprolol	4.320	634554	8768.67	100.4	45142.01	996991	251.6298 ng/ml
Mirtazapine	4.613	4737793	5076.14	46.7	101987.94	476676	249.7308 ng/ml
Mitragynine	5.223	997196	4394.94	37.6	526495.15	759972	261.8196 ng/ml
Morphine	1.247	180454	711.35	17.1	2178.99	10906	248.8461 ng/ml
Norbuprenorphine	4.990	13091	22773.07	104.8	9587.68	20997	26.3125 ng/ml
Nordiazepam	5.877	1024447	1115.45	62.2	680.24	113397	259.6984 ng/ml
Norfentanyl	4.078	490751	85711.36	37.4	3606.71	640217	26.0631 ng/ml
Norhydrocodone	3.060	168306	358.62	44.0	∞	66113	230.1551 ng/ml
Noroxycodone	2.904	1095915	49880.83	43.9	38425.05	157450	234.5588 ng/ml
O-desmethyl-tramadol	3.359	5707336	119156.11	5.8	974.82	1217850	253.3517 ng/ml
o-desmethylvenlafaxine	4.056	7783383	611873.69	18.7	2676.82	220145	251.6699 ng/ml
Olanzapine	4.441	1271546	4417.92	60.3	2826.75	115509	243.9467 ng/ml
Oxazepam	5.740	1062554	13508.04	72.6	262.53	220283	256.6594 ng/ml
Oxycodone	2.822	2356599	7437.92	28.2	1816.70	388733	241.6327 ng/ml
Oxymorphone	1.405	1340035	1377.50	42.9	2051.89	172694	256.5035 ng/ml
Phentermine	3.767	1249831	∞	6.5	507.34	592397	238.5441 ng/ml
Promethazine	5.541	5215316	848.60	29.8	2305.32	777987	255.8775 ng/ml
Pseudoephedrine	2.576	6259984	2952.99	17.2	24371.79	911195	252.4338 ng/ml
Quetiapine	5.544	3038348	34504.77	61.7	21186.50	199468	239.5576 ng/ml
Sertraline	5.773	1042737	13713.13	98.6	33689.40	164651	252.7098 ng/ml
Temazepam	5.807	2384307	22439.35	25.9	247.75	434449	262.6643 ng/ml
Tramadol	4.232	5142806	∞	3.5	212.85	996991	262.3535 ng/ml
Trazodone	5.114	3325556	97451.88	70.7	52790.02	563299	240.7291 ng/ml
Venlafaxine	5.036	5487918	82935.95	33.0	1618.79	1076162	253.4294 ng/ml
Zolpidem	4.884	5971809	4279.58	27.0	3561.84	1033269	258.9563 ng/ml

TS

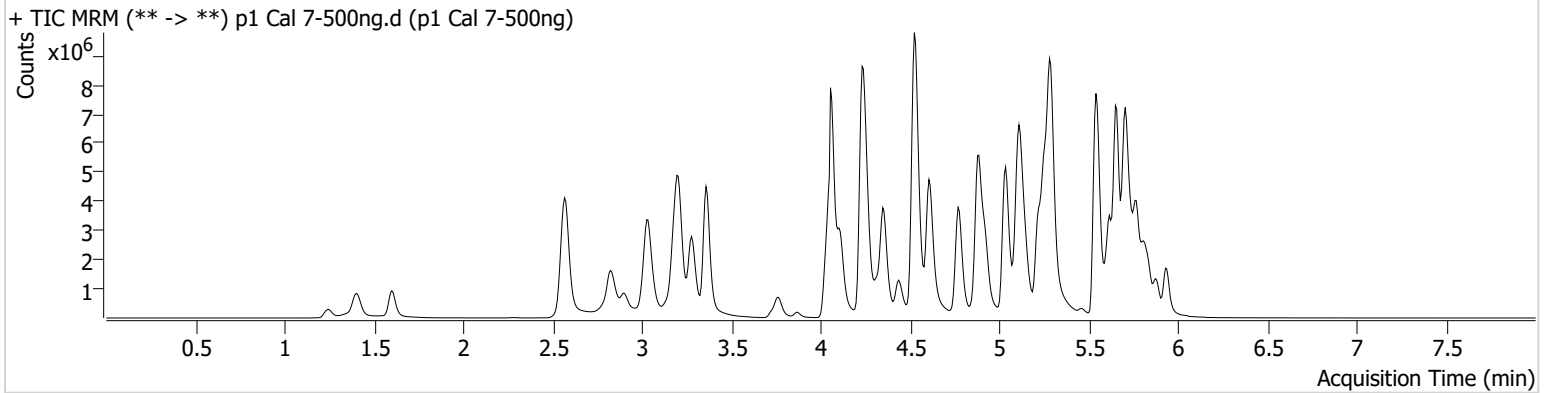


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 7-500ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 7-500ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-G1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 7:20:01 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	117998	6938.76	71.9	86615.19	63915	49.8368 ng/ml
7-aminoclonazepam	4.244	685841	234.61	88.2	3761.91	74798	415.5094 ng/ml
a-hydroxyalprazolam	5.682	318619	232.41	66.4	286.20	263230	484.8409 ng/ml
alpha-PHP	4.921	1555650	16794.90	259.5	72772.49	414290	497.8298 ng/ml
alpha-PVP	4.350	5893250	432065.30	51.6	21194.92	414290	512.5024 ng/ml
Alprazolam	5.759	2270263	390.15	113.8	1151.37	120669	505.9023 ng/ml
Amphetamine	3.037	6997413	178859.65	40.6	3409.28	290222	327.7115 ng/ml
Benzoylcegonine	3.871	184693	21168.19	8.2	214.12	11754	498.0247 ng/ml
Buprenorphine	5.769	117292	1948.35	14.7	29737.13	86726	49.9093 ng/ml
Bupropion	4.771	6367653	2103.94	60.9	797.53	413147	505.3183 ng/ml
Carisoprodol	5.721	1376231	223.94	60.5	227.45	99111	528.9958 ng/ml
Chlordiazepoxide	5.835	730134	16400.46	218.2	5294.27	293102	490.3774 ng/ml
Chlorpheniramine	5.104	10647966	57825.01	0.3	220.01	845119	510.3580 ng/ml
Citalopram	5.218	4787713	81492.27	39.4	42266.69	320574	507.5460 ng/ml
Clonazepam	5.601	1948325	717.19	32.7	30978.25	62743	442.3296 ng/ml
Clonazolam	5.552	1186618	649408.60	38.0	464128.62	62743	364.5913 ng/ml
Cocaine	4.251	3452778	971.27	57.1	590.52	559166	503.5586 ng/ml
Codeine	2.573	342715	3908.38	103.4	648.39	40980	407.0763 ng/ml
Cyclobenzaprine	5.625	5065702	2665.99	6.6	204.74	369990	518.5752 ng/ml
Dextromethorphan	5.262	2372282	669.25	77.2	1548.40	193108	511.5114 ng/ml
Dextrorphan	4.111	1868223	19068.91	223.3	137639.04	379498	505.0739 ng/ml
Diazepam	5.938	1950596	9082.97	86.7	603.37	143161	495.2879 ng/ml
Dihydrocodeine	2.545	1241741	25056.23	55.7	773.66	202850	413.7604 ng/ml
Diphenhydramine	5.290	14944099	1464.58	31.2	1365.86	1022324	521.0142 ng/ml
DMT	2.838	657786	8353.68	142.0	3329.04	193108	575.3690 ng/ml
Doxylamine	4.525	14485010	26031.02	96.4	136294.44	1121127	526.9589 ng/ml
Duloxetine	5.644	337750	1970.86	14.9	387.55	32482	503.6952 ng/ml
EDDP	5.255	6180779	1170.69	41.7	28166.48	537280	508.2476 ng/ml
Etizolam	5.804	749817	7520.27	27.7	4347.12	62743	532.7906 ng/ml
Fentanyl	5.088	517306	1022.07	70.6	27420.81	503517	48.8189 ng/ml
Flualprazolam	5.688	819962	2079.27	100.9	18261.61	120669	424.0188 ng/ml
Fluorofentanyl	5.142	1410174	76459.23	40.4	11667.36	4308	54.3578 ng/ml
Fluoxetine	5.711	3748485	240.44	7.2	2466.95	222796	525.9310 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	2089374	∞	32.4	∞	243177	461.4672 ng/ml
Hydromorphone	1.602	1678863	11235063.42	71.8	3388.14	101535	506.9822 ng/ml
Hydroxyzine	5.694	5132648	30990.61	76.8	25950.54	193108	559.9965 ng/ml
Ketamine	4.036	3753323	300363.74	39.2	453.57	277748	470.9310 ng/ml
Lamotrigine	4.274	266227	2288.82	88.0	4470.17	708294	491.7507 ng/ml
Lorazepam	5.730	640495	1040.48	47.3	119.29	120660	438.5013 ng/ml
MDA	3.178	4050424	9367.71	33.7	1870.07	343622	403.0188 ng/ml
MDMA	3.278	3477049	29745.05	113.1	8913.92	92606	493.8902 ng/ml
Meprobamate	4.895	1429752	2818.78	27.0	828.75	177460	407.7030 ng/ml
Methadone	5.656	10451122	8845.08	43.9	1050.63	650226	526.4931 ng/ml
Methamphetamine	3.205	9263100	49851.96	31.0	2696.05	785404	440.2500 ng/ml
Metoprolol	4.313	1048923	1271.94	100.2	4471.26	877939	472.5230 ng/ml
Mirtazapine	4.607	8468213	77605.80	46.3	83877.46	414290	513.1113 ng/ml
Mitragynine	5.223	1652150	84632.56	37.1	5491.50	650226	507.4034 ng/ml
Morphine	1.247	313277	1561.62	17.6	1598.31	9776	482.1658 ng/ml
Norbuprenorphine	4.990	24759	217.96	100.3	210.66	20944	50.0319 ng/ml
Nordiazepam	5.877	1518070	121817.56	62.8	13487.55	86840	502.7661 ng/ml
Norfentanyl	4.078	779809	∞	37.4	3740.32	450363	58.7876 ng/ml
Norhydrocodone	3.060	323494	∞	40.7	∞	55907	522.0171 ng/ml
Noroxycodone	2.897	1640651	509.37	44.3	13412.54	100229	551.0159 ng/ml
O-desmethyl-tramadol	3.359	10226319	197964.75	5.7	22241.75	1052479	524.9021 ng/ml
o-desmethylvenlafaxine	4.056	13060895	236743.87	18.7	5263.84	178800	519.2462 ng/ml
Olanzapine	4.434	2142058	12183.71	61.0	3386.21	89028	532.3140 ng/ml
Oxazepam	5.740	1080409	136.02	76.6	99.31	120660	476.7876 ng/ml
Oxycodone	2.815	3898576	8187.61	27.6	18418.71	354798	438.5500 ng/ml
Oxymorphone	1.405	2244853	2839.30	42.6	1178.40	154648	480.0135 ng/ml
Phentermine	3.767	2001565	∞	6.4	243.89	553463	409.5409 ng/ml
Promethazine	5.541	9089176	∞	28.8	2000.15	660601	524.7239 ng/ml
Pseudoephedrine	2.576	9983618	98487.22	17.0	6558.24	708294	517.3671 ng/ml
Quetiapine	5.544	4619163	43791.72	61.0	311.76	175863	413.8048 ng/ml
Sertraline	5.773	1551225	675.61	96.3	60940.64	117319	527.2165 ng/ml
Temazepam	5.807	2763934	34990.26	26.5	468.73	263230	502.5206 ng/ml
Tramadol	4.232	8757152	∞	3.4	∞	877939	507.7848 ng/ml
Trazodone	5.114	5213391	190823.97	71.9	1411.73	511380	416.3152 ng/ml
Venlafaxine	5.036	9608388	2671.80	33.1	1968.11	919260	519.0724 ng/ml
Zolpidem	4.878	10661586	1349.27	26.6	1125.39	937775	509.8900 ng/ml



TS

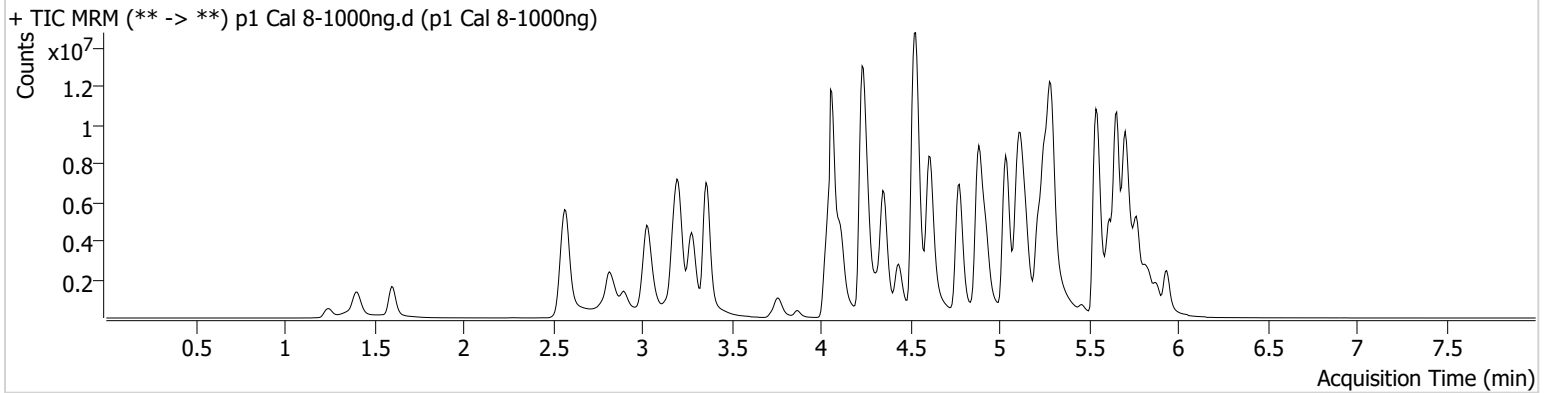


# AM #28 Multi-Drug Quant. Results

**Batch results** G:\TOX\Pocatello\Falco\2023\AM 27 28\020623 AM 27 28 TS\QuantResults\AM 28.batch.bin  
**Calibration Last Update** 2/9/2023 11:12:38 AM

<b>Instrument</b>	Falco (069901)	<b>Data File</b>	p1 Cal 8-1000ng.d
<b>Type</b>	Cal	<b>Sample</b>	p1 Cal 8-1000ng
<b>Acq. Method</b>	AM 28 MDQ P1.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P2-H1	<b>Comment</b>	
<b>Injection Volume</b>	2		
<b>Acq. Date-Time</b>	2/6/2023 7:30:36 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	249659	2633.81	71.1	3358.12	67024	100.5350 ng/ml
7-aminoclonazepam	4.251	740379	115.95	88.4	97.12	55007	610.3543 ng/ml
a-hydroxyalprazolam	5.675	299893	154.93	64.2	157.39	123504	972.9629 ng/ml
alpha-PHP	4.928	2897547	3738.50	259.6	580603.42	389548	986.4551 ng/ml
alpha-PVP	4.357	11440959	∞	51.8	83137.84	389548	1057.9066 ng/ml
Alprazolam	5.759	3183648	194.02	114.9	∞	87080	983.1036 ng/ml
Amphetamine	3.037	10115046	73214.55	40.1	38977.21	296945	463.5599 ng/ml
Benzoylecgonine	3.871	364311	851.62	8.1	308.26	11645	991.6933 ng/ml
Buprenorphine	5.769	191143	4100.22	15.2	33955.92	75973	93.1259 ng/ml
Bupropion	4.778	12693016	224350.70	60.6	1117.43	445155	934.9597 ng/ml
Carisoprodol	5.721	1401832	189.04	60.3	122.84	47142	1131.9373 ng/ml
Chlordiazepoxide	5.835	876086	16053.88	255.2 <b>High</b>	24943.63	203434	854.6857 ng/ml
Chlorpheniramine	5.104	19459638	33673.69	0.3	1886.33	780305	1010.0410 ng/ml
Citalopram	5.218	6916601	89153.47	38.3	33370.63	228159	1030.0179 ng/ml
Clonazepam	5.601	2164363	898.67	32.8	999.62	43317	712.1679 ng/ml
Clonazolam	5.558	1203355	294515.41	37.8	2380.42	43317	535.9358 ng/ml
Cocaine	4.257	5990967	14568.47	55.6	660.53	473382	1032.0304 ng/ml
Codeine	2.573	516214	94.90	104.3	180.69	34692	725.1833 ng/ml
Cyclobenzaprine	5.625	8161329	75681.11	6.3	392.77	289907	1065.7227 ng/ml
Dextromethorphan	5.262	3274221	538.35	77.2	35160.64	136578	998.0915 ng/ml
Dextrorphan	4.111	3357202	62323.47	227.0	1560.71	331210	1039.6409 ng/ml
Diazepam	5.938	3084521	2950.31	88.3	9304.01	116663	961.1375 ng/ml
Dihydrocodeine	2.538	2198982	41700.30	55.6	31890.39	219205	678.6444 ng/ml
Diphenhydramine	5.290	22652001	911.95	33.4	471.05	795471	1014.5494 ng/ml
DMT	2.838	1178777	2672.45	151.9	89101.63	136578	1456.9914 ng/ml
Doxylamine	4.531	25568197	120459.41	97.8	114983.60	1151362	905.7345 ng/ml
Duloxetine	5.644	345500	8087.62	15.3	4862.02	16984	985.5346 ng/ml
EDDP	5.255	12646243	94739.24	40.4	34340.86	511649	1091.7647 ng/ml
Etizolam	5.804	1127952	660.95	28.9	440941.17	43317	1160.4517 ng/ml
Fentanyl	5.088	897061	85106.92	70.7	9381.52	493472	86.4467 ng/ml
Flualprazolam	5.695	916663	8989.66	103.3	140616.98	87080	657.4600 ng/ml
Fluorofentanyl	5.149	2891202	91830.18	40.9	66911.45	3674	130.5594 ng/ml
Fluoxetine	5.711	4786471	445.26	7.2	35407.18	137865	1084.5828 ng/ml

TS



# AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	3991578	548.59	32.7	∞	244430	878.1133 ng/ml
Hydromorphone	1.602	3214751	25815329.18	73.0	10284761.0	97214	1013.7822 ng/ml
Hydroxyzine	5.694	8235947	27557.42	77.9	703160.82	136578	1269.8171 ng/ml
Ketamine	4.030	6415506	437921.10	37.1	9878.84	269154	831.4361 ng/ml
Lamotrigine	4.274	341432	7544.78	89.5	25994.88	536233	833.5197 ng/ml
Lorazepam	5.737	600521	646.16	49.5	3391.75	50307	987.7410 ng/ml
MDA	3.171	5481638	9636.52	32.7	1751.89	275719	680.6607 ng/ml
MDMA	3.278	5851689	154283.54	112.8	43396.41	80511	956.1541 ng/ml
Meprobamate	4.901	1532083	20280.17	27.2	10062.36	118789	653.4190 ng/ml
Methadone	5.656	17256467	75583.27	46.7	90566.86	568769	993.5979 ng/ml
Methamphetamine	3.205	16035738	45837.17	30.2	55584.58	873610	686.5609 ng/ml
Metoprolol	4.320	1590134	423688.52	101.0	2167.77	857907	733.1646 ng/ml
Mirtazapine	4.613	16265714	43310.75	46.1	198208.90	389548	1047.7195 ng/ml
Mitragynine	5.223	2696743	149878.28	37.2	24772.12	568769	947.2053 ng/ml
Morphine	1.247	541981	∞	18.7	∞	8789	927.9966 ng/ml
Norbuprenorphine	4.990	51423	403.98	103.7	271.32	22296	97.7678 ng/ml
Nordiazepam	5.884	1942008	∞	63.8	10276.82	61444	909.2090 ng/ml
Norfentanyl	4.078	1152171	42844.54	37.8	5890.44	235343	166.0922 ng/ml
Norhydrocodone	3.054	656815	86.27	40.9	178.96	51663	1145.9256 ng/ml
Noroxycodone	2.897	2529136	9398.39	43.8	8224.98	87605	971.4840 ng/ml
O-desmethyl-tramadol	3.359	18615102	400432.04	5.7	22379.71	973272	1032.9058 ng/ml
o-desmethylvenlafaxine	4.063	22002572	576202.83	18.6	26489.43	144387	1082.4738 ng/ml
Olanzapine	4.434	4687662	12887.04	61.5	6538.89	90323	1147.3642 ng/ml
Oxazepam	5.740	838960	79.21	79.0	83.83	50307	888.3449 ng/ml
Oxycodone	2.808	6695156	∞	27.4	538.16	362778	737.0536 ng/ml
Oxymorphone	1.405	4222769	1200.28	42.6	431.35	145607	959.2140 ng/ml
Phentermine	3.767	3241170	∞	6.5	3014.10	593621	618.7749 ng/ml
Promethazine	5.541	16077980	133838.01	28.4	1907.53	579371	1057.8870 ng/ml
Pseudoephedrine	2.576	15824560	59790.77	16.8	40622.75	536233	1082.6138 ng/ml
Quetiapine	5.544	6733130	312723.46	62.0	43443.19	170802	621.5602 ng/ml
Sertraline	5.773	2003111	64298.28	97.4	1422.99	77425	1031.2343 ng/ml
Temazepam	5.807	2453488	13027.92	27.4	4564.49	123504	950.7327 ng/ml
Tramadol	4.232	14103332	∞	3.6	109.09	857907	837.2062 ng/ml
Trazodone	5.121	7846288	2244.36	72.5	605.14	481561	665.8697 ng/ml
Venlafaxine	5.036	17644318	12645.41	33.1	1407.24	823556	1063.5939 ng/ml
Zolpidem	4.884	18835490	8297.23	27.7	11518.48	1003385	842.2356 ng/ml