



Houston Forensic Science Center

Forensic Analysis Division - Toxicology

Reagent and Quality Control (Volatiles) Preparation Log

Reagent/Quality Control Name: <u>Phosphate Buffer Solution (pH 7.038)</u>		Lab Lot # <u>011217-B</u>		
Pipette(s): <u>n/a</u>		Balance(s): <u>N/A</u> <u>Analytical (SN:1123241782)</u> Top Loading (SN:1123253484)		
Chemical 1	<u>Sodium Phosphate Dibasic</u>	Manufacturer	<u>BDH</u>	Prepared by/Date <u>AOA</u> <u>11/21/2017</u>
Amount Added	<u>14.0074g</u>	Lot #	<u>3476C504</u>	
Chemical 2	<u>Sodium Phosphate Monobasic</u>	Manufacturer	<u>BDH</u>	Expiration Date <u>7/12/2017</u>
Amount Added	<u>6.0035g</u>	Lot #	<u>3326C517</u>	
Chemical 3	<u>Sodium chloride</u>	Manufacturer	<u>BDH</u>	Verified by <u>AK 1/19/17</u> <u>AK</u>
Amount Added	<u>8.8g</u>	Lot #	<u>153700</u>	
Chemical 4	<u>DI Water</u>	Manufacturer	<u>Millipore</u> <small>only 2/14/17</small>	Verification Date <u>1/19/17</u>
Amount Added	<u>1.5L</u> <small>only 3/20/17</small>	Lot #	<u>n/a</u>	
Chemical 5	 	Manufacturer	 	Total Volume <u>1 L</u>
Amount Added	 	Lot #	 	
Comments:	<u>Used 1.5L of water and discarded 0.5L to get 1 L of final volume. only 3/20/17</u>			

IMMUNOASSAY BATCH SUMMARY REPORT

Batch Name: 20170119U_ASG																						
	CANNABINOIDS		OPIATES		PHENCYCLIDINE		METHAMPHETAMINE		COCAINE METABOLITE		BENZODIAZEPINES		BARBITURATES		AMPHETAMINES		CARISOPRODOL		METHADONE		OXYCODONE	
Cutoffs	20 ng/mL		200 ng/mL		25 ng/mL		200 ng/mL		150 ng/mL		100 ng/mL		300 ng/mL		200 ng/mL		500 ng/mL		300 ng/mL		100 ng/mL	
Negative % Binding	44.36		10.99		17.34		48.54		51.36		41.83		40.65		20.59		39.66		15.66		44.51	
Calibrator % Binding	38.93		6.65		14.49		36.00		45.30		24.70		35.82		12.82		32.96		9.67		34.55	
High % Binding	23.44		3.08		7.22		25.70		30.53		12.41		21.50		5.60		21.04		3.82		31.83	
Sample ID	% Binding	Result	% Binding	Result	% Binding	Result	% Binding	Result	% Binding	Result	% Binding	Result	% Binding	Result	% Binding	Result	% Binding	Result	% Binding	Result	% Binding	Result
2017-00266 2/1/3	1.17	pos	101.41		94.60		3.04	pos	91.03		87.55		96.45		0.79	pos	94.84		92.30		111.17	
2016-06324 2/1/3	4.58	pos	98.48		98.89		100.55		72.01		68.27		96.14		81.49		91.23		94.36		95.25	
2016-06754 2/1/3	2.72	pos	97.14		73.69		13.77	pos	74.87		1.47	pos	101.22		7.25	pos	103.40		101.00		86.26	
2016-06723 2/1/1	85.50		74.02		103.52		97.87		95.90		107.35		104.62		103.15		105.37		99.00		89.77	
2016-06803 3/1/1	2.84	pos	96.85		103.33		104.60		100.13		101.18		96.53		96.85		96.89		96.15		91.36	
2016-06755 2/1/5	90.64		94.56		101.24		102.31		98.08		94.04		98.89		70.36		98.32		101.42		94.49	
2016-07746 2/1/1	83.23		95.33		98.86		100.95		9.71	pos	70.76		102.02		66.19		105.71		93.09		95.17	
2016-10168 3/1/3	0.49	pos	90.39		97.46		5.19	pos	90.22		86.61		94.08		2.90	pos	95.89		95.41		104.19	
2016-10592 2/1/3	87.09		97.24		97.05		104.60		98.08		92.73		104.09		70.70		99.03		106.01		111.55	
2016-14771 2/1/3	102.14		100.81		89.78		107.28		106.15		111.92		104.62		109.46		109.99		112.39		100.60	
High-3	24.54	pos	3.64	pos	6.89	pos	25.08	pos	33.96	pos	15.19	pos	22.95	pos	5.74	pos	23.25	pos	4.22	pos	32.00	pos
2016-14419 1/1/3	97.71		95.97		102.98		103.41		99.03		101.63		100.95		104.16		107.68		118.77		77.51	
2016-15650 2/1/3	8.89	pos	50.83		104.67		110.72		104.22		107.10		104.12		106.34		110.95		107.85		87.47	
2016-18405 4/1/3	0.61	pos	89.82		97.43		1.45	pos	85.38		97.96		101.72		2.27	pos	106.34		114.87		99.74	
2010-00412 2/1	99.68		94.20		102.32		110.06		105.00		103.18		102.29		109.74		101.05		109.65		99.13	
2016-17395 2/1/1	93.21		97.91		88.92		94.48		103.21		87.46		96.18		81.20		95.30		108.38		99.55	
2016-14414 2/1/3	0.30	pos	92.58		0.57	pos	86.95		0.32	pos	88.77		96.14		84.20		87.12		107.49		113.32	
2016-15263 2/1/3	65.57		95.19		102.70		97.29		91.31		93.79		91.71		56.10		83.38		109.01		105.09	
2016-17414 2/1/3	1.36	pos	99.75		102.51		86.20		105.03		5.55	pos	100.57		7.92	pos	107.47		117.03		107.13	
2016-17846 3/1/3	103.65		90.95		103.14		97.03		104.45		101.76		99.77		103.97		116.53		116.08		103.17	
Current PBS Lot 120816	95.41		87.06		104.19		102.71		104.94		101.27		99.96		95.18		104.66		110.96		102.53	
High-4	22.95	pos	3.57	pos	7.08	pos	23.19	pos	31.63	pos	12.29	pos	20.58	pos	5.20	pos	21.61	pos	4.43	pos	33.13	pos
New PBS Lot 011217-B	101.19		91.34		104.03		108.60		103.10		96.86		98.36		96.66		101.01		112.12		112.11	
High-5	22.99	pos	2.72	pos	6.35	pos	23.85	pos	29.87	pos	12.05	pos	19.89	pos	5.49	pos	22.87	pos	4.48	pos	32.26	pos

Comments:

Analyst Signature:

Technical Reviewer Signature: