

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92366

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60541
Calibration Std. hexchrome 0.05 ppm	WP60540
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60543
Calibratation STD Hexa Chrome 0.5 PPM	WP60542
calibration std. hexchrome 0.01 ppm	WP60538
calibration std. hexchrome 0 ppm	WP60535
Hexavalent Chromium ICV Std.	WP60544
Hexavalent Chromium CCV Std	WP60545
hexavalent chromium color reagent	WP60547
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60539

Intercept: 0.0004

Slope: 0.775

Regression: 0.999935

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.02	0.000	0.000	0.000	12/22/2017	13:44
2	CAL2	0.01	1	100	100		1.86	0.000	0.007	0.007	12/22/2017	13:44
3	CAL3	0.025	1	100	100		1.77	0.000	0.018	0.018	12/22/2017	13:45
4	CAL4	0.05	1	100	100		2.18	0.000	0.039	0.039	12/22/2017	13:45
5	CAL5	0.1	1	100	100		2.33	0.000	0.078	0.078	12/22/2017	13:46
6	CAL6	0.5	1	100	100		2.10	0.000	0.395	0.395	12/22/2017	13:46
7	CAL7	1	1	100	100		1.83	0.000	0.772	0.772	12/22/2017	13:47



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.58	0.000	0.389	0.389	0.501	12/22/2017	13:47
2	ICB		1	100	100		1.74	0.000	0.000	0.000	-0.001	12/22/2017	13:48
3	CCV1	0.5	1	100	100		2.31	0.000	0.390	0.390	0.503	12/22/2017	13:48
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	-0.001	12/22/2017	13:49
5	PB105302BL		1	2.54	100	7.13	1.90	0.000	0.000	0.000	-0.001	12/22/2017	13:49
6	PB105302BS	20	1	2.55	100	7.26	2.25	0.000	0.357	0.357	0.460	12/22/2017	13:50
7	I6677-09		1	2.52	100	7.78	2.33	0.026	0.026	0.000	-0.001	12/22/2017	13:50
8	I6677-11		1	2.54	100	7.14	2.21	0.009	0.009	0.000	-0.001	12/22/2017	13:51
9	I6683-07		1	2.51	100	7.05	1.78	0.017	0.017	0.000	-0.001	12/22/2017	13:51
10	I6683-09		1	2.53	100	7.95	1.84	0.010	0.010	0.000	-0.001	12/22/2017	13:52
11	I6683-09DUP		1	2.50	100	7.77	1.93	0.011	0.011	0.000	-0.001	12/22/2017	13:52
12	I6683-09MSPre	40	2	2.51	100	7.81	2.28	0.015	0.015	0.000	-0.001	12/22/2017	13:53
13	I6683-09MS2Ins	1284	40	2.52	100	7.62	2.44	0.014	0.587	0.573	0.739	12/22/2017	13:53
14	I6683-09MS3Post	40	2	2.51	100	7.41	2.01	0.016	0.344	0.328	0.423	12/22/2017	13:54
15	CCV2	0.5	1	100	100		1.79	0.000	0.391	0.391	0.504	12/22/2017	13:54
16	CCB2		1	100	100		1.63	0.000	0.000	0.000	-0.001	12/22/2017	13:55
17	I6683-11		1	2.50	100	7.20	2.07	0.004	0.004	0.000	-0.001	12/22/2017	13:55
18	I6684-05		1	2.53	100	7.34	1.70	0.029	0.029	0.000	-0.001	12/22/2017	13:56
19	I7022-01		1	2.53	100	7.42	1.55	0.016	0.016	0.000	-0.001	12/22/2017	13:56
20	I7022-03		1	2.51	100	7.10	2.23	0.021	0.021	0.000	-0.001	12/22/2017	13:57
21	I7022-06		1	2.50	100	7.08	2.30	0.027	0.027	0.000	-0.001	12/22/2017	13:57
22	I7037-01		1	2.52	100	7.33	1.99	0.008	0.008	0.000	-0.001	12/22/2017	13:58
23	CCV3	0.5	1	100	100		1.84	0.000	0.391	0.391	0.504	12/22/2017	13:58
24	CCB3		1	100	100		1.62	0.000	0.000	0.000	-0.001	12/22/2017	13:59