

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99363

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69743
Calibration Std. hexchrome 0.05 ppm	WP69742
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69745
Calibratation STD Hexa Chrome 0.5 PPM	WP69744
calibration std. hexchrome 0.01 ppm	WP69740
calibration std. hexchrome 0 ppm	WP69739
Hexavalent Chromium ICV Std.	WP69746
Hexavalent Chromium CCV Std	WP69747
hexavalent chromium color reagent	WP69705
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69741

Intercept: 0.0006

Slope: 0.7713

Regression: 0.999977

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		2.19	0.000	0.000	0.000	11/21/2018	12:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.008	0.008	11/21/2018	12:00
3	CAL3	0.025	1	100	100		2.47	0.000	0.018	0.018	11/21/2018	12:01
4	CAL4	0.05	1	100	100		2.25	0.000	0.039	0.039	11/21/2018	12:01
5	CAL5	0.1	1	100	100		1.77	0.000	0.079	0.079	11/21/2018	12:02
6	CAL6	0.5	1	100	100		1.68	0.000	0.390	0.390	11/21/2018	12:02
7	CAL7	1	1	100	100		2.22	0.000	0.770	0.770	11/21/2018	12:03

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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		1.99	0.000	0.391	0.391	0.506	11/21/2018	12:03
2	ICB		1	100	100		1.62	0.000	0.000	0.000	-0.001	11/21/2018	12:04
3	CCV1	0.5	1	100	100		2.04	0.000	0.391	0.391	0.506	11/21/2018	12:04
4	CCB1		1	100	100		2.33	0.000	0.000	0.000	-0.001	11/21/2018	12:05
5	PB115017BL		1	2.51	100	7.55	1.62	0.000	0.000	0.000	-0.001	11/21/2018	12:05
6	PB115017BS	20	1	2.53	100	7.10	1.88	0.000	0.392	0.392	0.507	11/21/2018	12:06
7	J5765-03		1	2.51	100	7.03	2.30	0.012	0.012	0.000	-0.001	11/21/2018	12:06
8	J5768-05		1	2.55	100	7.46	1.84	0.018	0.018	0.000	-0.001	11/21/2018	12:07
9	J5772-03		1	2.53	100	7.19	1.97	0.015	0.015	0.000	-0.001	11/21/2018	12:07
10	J5772-05		1	2.50	100	7.58	2.28	0.010	0.010	0.000	-0.001	11/21/2018	12:08
11	J5772-05DUP		1	2.51	100	7.64	2.17	0.009	0.009	0.000	-0.001	11/21/2018	12:08
12	J5772-05MSPre	40	2	2.54	100	7.13	1.56	0.011	0.366	0.355	0.459	11/21/2018	12:09
13	J5772-05MS2Ins	1284	40	2.50	100	7.28	2.36	0.009	0.611	0.602	0.780	11/21/2018	12:09
14	J5772-05MS3Post	40	2	2.53	100	7.10	2.41	0.013	0.369	0.356	0.461	11/21/2018	12:10
15	CCV2	0.5	1	100	100		2.45	0.000	0.391	0.391	0.506	11/21/2018	12:10
16	CCB2		1	100	100		2.20	0.000	0.000	0.000	-0.001	11/21/2018	12:11
17	J5772-07		1	2.54	100	7.44	1.78	0.027	0.027	0.000	-0.001	11/21/2018	12:11
18	J6014-01		1	2.52	100	7.69	1.64	0.048	0.048	0.000	-0.001	11/21/2018	12:12
19	J6024-01		1	2.50	100	7.31	1.69	0.022	0.028	0.006	0.007	11/21/2018	12:12
20	CCV3	0.5	1	100	100		1.97	0.000	0.391	0.391	0.506	11/21/2018	12:13
21	CCB3		1	100	100		2.04	0.000	0.000	0.000	-0.001	11/21/2018	12:13