

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99029

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69339
Calibration Std. hexchrome 0.05 ppm	WP69338
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69341
Calibratation STD Hexa Chrome 0.5 PPM	WP69340
calibration std. hexchrome 0.01 ppm	WP69336
calibration std. hexchrome 0 ppm	WP69335
Hexavalent Chromium ICV Std.	WP69342
Hexavalent Chromium CCV Std	WP69343
hexavalent chromium color reagent	WP69345
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69337

Intercept: 0.0002

Slope: 0.7717

Regression: 0.999975

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		2.11	0.000	0.000	0.000	11/05/2018	10:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	11/05/2018	10:30
3	CAL3	0.025	1	100	100		1.63	0.000	0.017	0.017	11/05/2018	10:31
4	CAL4	0.05	1	100	100		2.13	0.000	0.039	0.039	11/05/2018	10:31
5	CAL5	0.1	1	100	100		2.44	0.000	0.078	0.078	11/05/2018	10:32
6	CAL6	0.5	1	100	100		1.71	0.000	0.390	0.390	11/05/2018	10:32
7	CAL7	1	1	100	100		1.55	0.000	0.770	0.770	11/05/2018	10:33



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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		2.05	0.000	0.390	0.390	0.505	11/05/2018	10:33
2	ICB		1	100	100		1.83	0.000	0.000	0.000	0.000	11/05/2018	10:34
3	CCV1	0.5	1	100	100		1.64	0.000	0.391	0.391	0.506	11/05/2018	10:34
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	0.000	11/05/2018	10:35
5	J5764-01		1	2.50	100	7.17	2.22	0.012	0.012	0.000	0.000	11/05/2018	10:35
6	J5764-03		1	2.55	100	7.56	1.91	0.014	0.014	0.000	0.000	11/05/2018	10:36
7	J5764-03DUP		1	2.54	100	7.90	2.17	0.013	0.013	0.000	0.000	11/05/2018	10:36
8	J5764-03MSPre	40	2	2.52	100	7.40	2.40	0.015	0.358	0.343	0.444	11/05/2018	10:37
9	J5764-03MS2Ins	1284	40	2.52	100	7.55	1.58	0.011	0.588	0.577	0.747	11/05/2018	10:37
10	J5764-03MS3Post	40	2	2.52	100	7.16	2.03	0.016	0.362	0.346	0.448	11/05/2018	10:38
11	J5764-05		1	2.55	100	7.44	1.97	0.009	0.009	0.000	0.000	11/05/2018	10:38
12	J5764-07		1	2.56	100	7.10	2.10	0.013	0.013	0.000	0.000	11/05/2018	10:39
13	J5764-09		1	2.53	100	7.28	1.28	0.011	0.011	0.000	0.000	11/05/2018	10:39
14	J5764-11		1	2.50	100	7.11	2.16	0.020	0.020	0.000	0.000	11/05/2018	10:40
15	CCV2	0.5	1	100	100		1.69	0.000	0.391	0.391	0.506	11/05/2018	10:40
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.000	11/05/2018	10:41
17	J5764-13		1	2.54	100	7.69	2.07	0.016	0.016	0.000	0.000	11/05/2018	10:41
18	J5764-15		1	2.52	100	7.81	2.43	0.018	0.018	0.000	0.000	11/05/2018	10:42
19	J5764-17		1	2.55	100	7.63	2.08	0.010	0.013	0.003	0.004	11/05/2018	10:42
20	J5764-19		1	2.52	100	7.50	2.33	0.022	0.022	0.000	0.000	11/05/2018	10:43
21	J5803-01		1	2.53	100	7.47	1.78	0.063	0.063	0.000	0.000	11/05/2018	10:43
22	J5803-02		1	2.54	100	7.21	1.60	0.027	0.027	0.000	0.000	11/05/2018	10:44
23	PB114476BL		1	2.52	100	7.14	2.04	0.000	0.000	0.000	0.000	11/05/2018	10:44
24	PB114476BS	20	1	2.53	100	7.65	2.21	0.000	0.375	0.375	0.486	11/05/2018	10:45
25	CCV3	0.5	1	100	100		1.82	0.000	0.391	0.391	0.506	11/05/2018	10:45
26	CCB3		1	100	100		2.17	0.000	0.000	0.000	0.000	11/05/2018	10:46