



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99046

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: 0.0003

Slope: 0.7714

Regression: 0.999974

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	11/05/2018	14:10
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	11/05/2018	14:10
3	CAL3	0.025	1	100	100		1.56	0.000	0.017	0.017	11/05/2018	14:11
4	CAL4	0.05	1	100	100		2.17	0.000	0.039	0.039	11/05/2018	14:11
5	CAL5	0.1	1	100	100		2.35	0.000	0.080	0.080	11/05/2018	14:12
6	CAL6	0.5	1	100	100		1.88	0.000	0.389	0.389	11/05/2018	14:12
7	CAL7	1	1	100	100		2.47	0.000	0.770	0.770	11/05/2018	14:13



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99046

pH Meter ID: WC pH Meter-1

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		1.66	0.000	0.390	0.390	0.505	11/05/2018	14:13
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.000	11/05/2018	14:14
3	CCV1	0.5	1	100	100		1.79	0.000	0.391	0.391	0.506	11/05/2018	15:34
4	CCB1		1	100	100		2.23	0.000	0.000	0.000	0.000	11/05/2018	15:34
5	J5812-01		1	2.53	100	7.87	2.44	0.007	0.007	0.000	0.000	11/05/2018	15:35
6	J5812-05		1	2.51	100	7.69	2.15	0.009	0.009	0.000	0.000	11/05/2018	15:35
7	J5812-09		1	2.55	100	7.23	1.96	0.006	0.006	0.000	0.000	11/05/2018	15:36
8	J5812-13		1	2.51	100	7.40	1.77	0.004	0.004	0.000	0.000	11/05/2018	15:36
9	J5812-17		1	2.54	100	7.66	2.08	0.016	0.016	0.000	0.000	11/05/2018	15:37
10	J5812-21		1	2.52	100	7.92	1.97	0.015	0.015	0.000	0.000	11/05/2018	15:37
11	J5812-25		1	2.54	100	7.80	2.10	0.012	0.012	0.000	0.000	11/05/2018	15:38
12	J5812-29		1	2.50	100	7.34	2.16	0.010	0.010	0.000	0.000	11/05/2018	15:38
13	J5815-01		1	2.51	100	7.11	1.74	0.008	1.140	1.132	1.467	11/05/2018	15:39
14	J5815-01MSPre	40	2	2.53	100	7.16	1.89	0.011	1.490	1.479	1.917	11/05/2018	15:39
15	CCV2	0.5	1	100	100		1.54	0.000	0.391	0.391	0.506	11/05/2018	15:40
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	11/05/2018	15:40
17	J5815-01MS2Ins	1284	40	2.54	100	7.05	2.37	0.006	0.643	0.637	0.825	11/05/2018	15:41
18	J5815-01MS3Post	40	2	2.55	100	7.83	2.46	0.015	1.490	1.475	1.912	11/05/2018	15:41
19	J5815-01DUP		1	2.52	100	7.74	1.67	0.009	1.140	1.131	1.466	11/05/2018	15:42
20	J5815-03		1	2.50	100	7.61	1.90	0.006	0.095	0.089	0.115	11/05/2018	15:42
21	J5815-05		1	2.52	100	7.25	2.06	0.005	0.046	0.041	0.053	11/05/2018	15:43
22	J5816-03		1	2.51	100	7.38	2.21	0.018	0.018	0.000	0.000	11/05/2018	15:43
23	J5816-07		1	2.55	100	7.14	1.79	0.024	0.024	0.000	0.000	11/05/2018	15:44
24	J5816-11		1	2.53	100	7.22	1.90	0.152	0.152	0.000	0.000	11/05/2018	15:44
25	PB114537BL		1	2.54	100	7.49	2.15	0.000	0.000	0.000	0.000	11/05/2018	15:45
26	PB114537BS	20	1	2.52	100	7.55	2.33	0.000	0.384	0.384	0.497	11/05/2018	15:45
27	CCV3	0.5	1	100	100		1.77	0.000	0.392	0.392	0.508	11/05/2018	15:46
28	CCB3		1	100	100		2.18	0.000	0.000	0.000	0.000	11/05/2018	15:46
29	J5815-01		10	2.51	100	7.11	1.74	0.003	0.114	0.111	0.144	11/05/2018	15:47
30	J5815-01MSPre	40	10	2.53	100	7.16	1.89	0.008	0.149	0.141	0.182	11/05/2018	15:47
31	J5815-01MS3Post	40	10	2.55	100	7.83	2.46	0.008	0.150	0.142	0.184	11/05/2018	15:48
32	J5815-01DUP		10	2.52	100	7.74	1.67	0.004	0.115	0.111	0.144	11/05/2018	15:48
33	CCV4	0.5	1	100	100		1.77	0.000	0.392	0.392	0.508	11/05/2018	15:49
34	CCB4		1	100	100		2.18	0.000	0.000	0.000	0.000	11/05/2018	15:49