

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94377

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63392
Calibration Std. hexchrome 0.05 ppm	WP63391
Calibratation STD HexaChrome 1 PPM	WP63394
Calibratation STD Hexa Chrome 0.5 PPM	WP63393
calibration std. hexchrome 0.01 ppm	WP63389
calibration std. hexchrome 0 ppm	WP63388
Hexavalent Chromium ICV Std.	WP63396
Hexavalent Chromium CCV Std	WP63395
HEX LOD STD, 0.005PPM	WP63386
HEX LOQ STD, 0.02PPM	WP63387
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63390

Intercept: 0

Slope: 0.7672

Regression: 0.99997

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		2.23	0.000	0.000	0.000	04/04/2018	14:10
2	CAL2	0.01	1	100	100		1.89	0.000	0.006	0.006	04/04/2018	14:10
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	04/04/2018	14:11
4	CAL4	0.05	1	100	100		1.79	0.000	0.038	0.038	04/04/2018	14:11
5	CAL5	0.1	1	100	100		1.63	0.000	0.078	0.078	04/04/2018	14:12
6	CAL6	0.5	1	100	100		1.65	0.000	0.388	0.388	04/04/2018	14:12
7	CAL7	1	1	100	100		1.46	0.000	0.765	0.765	04/04/2018	14:13



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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		1.65	0.000	0.389	0.389	0.507	04/04/2018	14:13
2	ICB		1	100	100		1.64	0.000	0.000	0.000	0.000	04/04/2018	14:14
3	CCV1	0.5	1	100	100		1.46	0.000	0.390	0.390	0.508	04/04/2018	14:14
4	CCB1		1	100	100		1.87	0.000	0.000	0.000	0.000	04/04/2018	14:15
5	PB107996BL		1	2.55	100	7.23	2.11	0.000	0.000	0.000	0.000	04/04/2018	14:15
6	PB107996BS	20	1	2.55	100	7.20	2.09	0.000	0.365	0.365	0.476	04/04/2018	14:16
7	J2133-01		1	2.55	100	7.16	1.69	0.001	0.006	0.005	0.007	04/04/2018	14:16
8	J2133-02		1	2.55	100	7.36	2.03	0.001	0.017	0.016	0.021	04/04/2018	14:17
9	J2133-03		1	2.54	100	7.42	1.79	0.001	0.005	0.004	0.005	04/04/2018	14:17
10	J2151-01		1	2.52	100	7.25	1.75	0.014	0.014	0.000	0.000	04/04/2018	14:18
11	J2151-03		1	2.55	100	7.15	1.65	0.011	0.012	0.001	0.001	04/04/2018	14:18
12	J2151-05		1	2.50	100	7.34	1.36	0.002	0.005	0.003	0.004	04/04/2018	14:19
13	J2166-01		1	2.52	100	7.16	2.12	0.006	0.008	0.002	0.003	04/04/2018	14:19
14	J2197-01		1	2.55	100	7.22	1.86	0.002	0.003	0.001	0.001	04/04/2018	14:20
15	CCV2	0.5	1	100	100		1.49	0.000	0.391	0.391	0.510	04/04/2018	14:20
16	CCB2		1	100	100		1.50	0.000	0.000	0.000	0.000	04/04/2018	14:21
17	J2197-04		1	2.50	100	7.51	1.72	0.019	0.019	0.000	0.000	04/04/2018	14:21
18	J2199-01		1	2.50	100	7.13	2.11	0.013	0.013	0.000	0.000	04/04/2018	14:22
19	J2202-01		1	2.55	100	7.49	2.13	0.010	0.010	0.000	0.000	04/04/2018	14:22
20	J2202-03		1	2.55	100	7.16	1.89	0.008	0.009	0.001	0.001	04/04/2018	14:23
21	J2203-01		1	2.50	100	7.41	1.93	0.007	0.009	0.002	0.003	04/04/2018	14:23
22	J2203-01DUP		1	2.50	100	7.38	1.96	0.006	0.008	0.002	0.003	04/04/2018	14:24
23	J2203-01MSPre	40	2	2.52	100	7.30	1.94	0.008	0.360	0.352	0.459	04/04/2018	14:24
24	J2203-01MS2Ins	1284	40	2.50	100	7.14	2.01	0.010	0.610	0.600	0.782	04/04/2018	14:25
25	J2203-01MS3Post	40	2	2.55	100	7.32	1.65	0.002	0.362	0.360	0.469	04/04/2018	14:25
26	J2204-01		1	2.51	100	7.19	1.87	0.004	0.004	0.000	0.000	04/04/2018	14:26
27	CCV3	0.5	1	100	100		1.85	0.000	0.390	0.390	0.508	04/04/2018	14:26
28	CCB3		1	100	100		1.82	0.000	0.000	0.000	0.000	04/04/2018	14:27
29	J2207-01		1	2.50	100	7.33	1.98	0.009	0.009	0.000	0.000	04/04/2018	14:27
30	CCV4	0.5	1	100	100		1.87	0.000	0.390	0.390	0.508	04/04/2018	14:28
31	CCB4		1	100	100		1.75	0.000	0.000	0.000	0.000	04/04/2018	14:28