

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95220

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64333
Calibration Std. hexchrome 0.05 ppm	WP64332
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64338
Calibratation STD Hexa Chrome 0.5 PPM	WP64334
calibration std. hexchrome 0.01 ppm	WP64330
calibration std. hexchrome 0 ppm	WP64329
Hexavalent Chromium ICV Std.	WP64335
Hexavalent Chromium CCV Std	WP64336
hexavalent chromium color reagent	WP64299
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64331

Intercept: 0.0001

Slope: 0.7688

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		2.13	0.000	0.000	0.000	05/09/2018	12:00
2	CAL2	0.01	1	100	100		1.77	0.000	0.007	0.007	05/09/2018	12:00
3	CAL3	0.025	1	100	100		1.58	0.000	0.017	0.017	05/09/2018	12:01
4	CAL4	0.05	1	100	100		2.17	0.000	0.038	0.038	05/09/2018	12:01
5	CAL5	0.1	1	100	100		2.44	0.000	0.079	0.079	05/09/2018	12:02
6	CAL6	0.5	1	100	100		1.63	0.000	0.388	0.388	05/09/2018	12:02
7	CAL7	1	1	100	100		2.31	0.000	0.767	0.767	05/09/2018	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	0.390	0.390	0.507	05/09/2018	12:03
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	05/09/2018	12:04
3	CCV1	0.5	1	100	100		2.36	0.000	0.390	0.390	0.507	05/09/2018	12:04
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	0.000	05/09/2018	12:05
5	PB109099BL		1	2.52	100	7.69	1.57	0.000	0.000	0.000	0.000	05/09/2018	12:05
6	PB109099BS	20	1	2.54	100	7.33	1.65	0.000	0.369	0.369	0.480	05/09/2018	12:06
7	J1585-02		1	2.50	100	7.28	2.41	0.016	0.019	0.003	0.004	05/09/2018	12:06
8	J1585-02DUP		1	2.53	100	7.41	2.30	0.015	0.018	0.003	0.004	05/09/2018	12:07
9	J1585-02MSPre	40	2	2.51	100	7.20	2.28	0.018	0.353	0.335	0.436	05/09/2018	12:07
10	J1585-02MS2Ins	1284	40	2.50	100	7.54	1.78	0.013	0.604	0.591	0.769	05/09/2018	12:08
11	J1585-02MS3Post	40	2	2.53	100	7.85	1.64	0.019	0.358	0.339	0.441	05/09/2018	12:08
12	J1585-12		1	2.55	100	7.60	2.33	0.010	0.024	0.014	0.018	05/09/2018	12:09
13	J2669-05		1	2.51	100	7.10	2.13	0.015	0.017	0.002	0.002	05/09/2018	12:09
14	J2803-01		1	2.52	100	7.07	1.54	0.010	0.010	0.000	0.000	05/09/2018	12:10
15	CCV2	0.5	1	100	100		1.98	0.000	0.390	0.390	0.507	05/09/2018	12:10
16	CCB2		1	100	100		2.16	0.000	0.000	0.000	0.000	05/09/2018	12:11
17	J2805-01		1	2.54	100	7.16	1.74	0.051	0.051	0.000	0.000	05/09/2018	12:11
18	J2805-03		1	2.50	100	7.12	2.16	0.015	0.026	0.011	0.014	05/09/2018	12:12
19	J2806-01		1	2.52	100	7.39	1.77	0.008	0.008	0.000	0.000	05/09/2018	12:12
20	J2807-01		1	2.51	100	7.25	1.86	0.080	0.080	0.000	0.000	05/09/2018	12:13
21	J2807-06		1	2.53	100	7.10	2.04	0.011	0.032	0.021	0.027	05/09/2018	12:13
22	J2807-09		1	2.51	100	7.87	2.22	0.012	0.015	0.003	0.004	05/09/2018	12:14
23	J2811-02		1	2.54	100	7.86	1.65	0.017	0.017	0.000	0.000	05/09/2018	12:14
24	J2811-05		1	2.55	100	7.94	1.58	0.022	0.022	0.000	0.000	05/09/2018	12:15
25	J2811-08		1	2.50	100	7.60	2.06	0.029	0.029	0.000	0.000	05/09/2018	12:15
26	CCV3	0.5	1	100	100		2.30	0.000	0.391	0.391	0.508	05/09/2018	12:16
27	CCB3		1	100	100		1.79	0.000	0.000	0.000	0.000	05/09/2018	12:16