

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95464

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64648
Calibration Std. hexchrome 0.05 ppm	WP64647
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64650
Calibratation STD Hexa Chrome 0.5 PPM	WP64649
calibration std. hexchrome 0.01 ppm	WP64645
calibration std. hexchrome 0 ppm	WP64644
Hexavalent Chromium ICV Std.	WP64651
Hexavalent Chromium CCV Std	WP64652
hexavalent chromium color reagent	WP64533
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64646

Intercept: 0.0002

Slope: 0.7702

Regression: 0.999987

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		2.10	0.000	0.000	0.000	05/18/2018	14:00
2	CAL2	0.01	1	100	100		2.18	0.000	0.007	0.007	05/18/2018	14:00
3	CAL3	0.025	1	100	100		1.63	0.000	0.018	0.018	05/18/2018	14:01
4	CAL4	0.05	1	100	100		1.97	0.000	0.039	0.039	05/18/2018	14:01
5	CAL5	0.1	1	100	100		2.15	0.000	0.078	0.078	05/18/2018	14:02
6	CAL6	0.5	1	100	100		2.45	0.000	0.388	0.388	05/18/2018	14:02
7	CAL7	1	1	100	100		1.88	0.000	0.769	0.769	05/18/2018	14:03



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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		2.08	0.000	0.389	0.389	0.505	05/18/2018	14:03
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	05/18/2018	14:04
3	CCV1	0.5	1	100	100		2.22	0.000	0.389	0.389	0.505	05/18/2018	14:04
4	CCB1		1	100	100		1.66	0.000	0.000	0.000	0.000	05/18/2018	14:05
5	PB109451BL		1	2.53	100	7.23	2.10	0.000	0.000	0.000	0.000	05/18/2018	14:05
6	PB109451BS	20	1	2.50	100	7.12	2.34	0.000	0.378	0.378	0.491	05/18/2018	14:06
7	J2673-01		1	2.52	100	7.45	1.77	0.019	0.019	0.000	0.000	05/18/2018	14:06
8	J2673-03		1	2.55	100	7.61	1.90	0.013	0.013	0.000	0.000	05/18/2018	14:07
9	J2673-03DUP		1	2.51	100	7.20	1.88	0.012	0.012	0.000	0.000	05/18/2018	14:07
10	J2673-03MSPre	40	2	2.54	100	7.13	2.24	0.014	0.360	0.346	0.449	05/18/2018	14:08
11	J2673-03MS2Ins	1284	40	2.54	100	7.09	2.31	0.010	0.618	0.608	0.789	05/18/2018	14:08
12	J2673-03MS3Post	40	2	2.54	100	7.66	1.57	0.015	0.362	0.347	0.450	05/18/2018	14:09
13	J2673-05		1	2.54	100	7.80	1.85	0.016	0.016	0.000	0.000	05/18/2018	14:09
14	J2673-07		1	2.53	100	7.77	2.16	0.028	0.028	0.000	0.000	05/18/2018	14:10
15	CCV2	0.5	1	100	100		2.26	0.000	0.389	0.389	0.505	05/18/2018	14:10
16	CCB2		1	100	100		2.33	0.000	0.000	0.000	0.000	05/18/2018	14:11
17	J2673-09		1	2.51	100	7.55	1.87	0.031	0.031	0.000	0.000	05/18/2018	14:11
18	J2673-11		1	2.53	100	7.13	1.66	0.037	0.037	0.000	0.000	05/18/2018	14:12
19	J2673-13		1	2.54	100	7.14	1.70	0.092	0.092	0.000	0.000	05/18/2018	14:12
20	J2673-15		1	2.55	100	7.39	2.17	0.081	0.081	0.000	0.000	05/18/2018	14:13
21	J2677-05		1	2.51	100	7.84	2.20	0.040	0.040	0.000	0.000	05/18/2018	14:13
22	J2966-01		1	2.50	100	7.90	2.36	0.014	0.014	0.000	0.000	05/18/2018	14:14
23	J2966-05		1	2.52	100	7.21	2.04	0.018	0.018	0.000	0.000	05/18/2018	14:14
24	PB109450BL		1	2.53	100	7.17	1.82	0.000	0.000	0.000	0.000	05/18/2018	14:15
25	PB109450BS	20	1	2.52	100	7.66	1.66	0.000	0.368	0.368	0.478	05/18/2018	14:15
26	J2669-07		1	2.54	100	7.20	2.36	0.040	0.043	0.003	0.004	05/18/2018	14:16
27	CCV3	0.5	1	100	100		2.35	0.000	0.390	0.390	0.506	05/18/2018	14:16
28	CCB3		1	100	100		1.69	0.000	0.000	0.000	0.000	05/18/2018	14:17
29	J2936-01		1	2.53	100	7.79	1.97	0.016	0.016	0.000	0.000	05/18/2018	14:17
30	J2936-03		1	2.52	100	7.42	2.17	0.013	0.013	0.000	0.000	05/18/2018	14:18
31	J2936-05		1	2.54	100	7.30	2.11	0.021	0.021	0.000	0.000	05/18/2018	14:18
32	J2936-07		1	2.53	100	7.01	1.81	0.025	0.026	0.001	0.001	05/18/2018	14:19
33	J2945-01		1	2.50	100	7.38	2.13	0.019	0.035	0.016	0.021	05/18/2018	14:19
34	J2953-01		1	2.51	100	7.69	2.27	0.009	0.009	0.000	0.000	05/18/2018	14:20
35	J2953-01DUP		1	2.55	100	7.54	1.69	0.008	0.008	0.000	0.000	05/18/2018	14:20
36	J2953-01MSPre	40	2	2.50	100	7.66	1.55	0.011	0.355	0.344	0.446	05/18/2018	14:21
37	J2953-01MS2Ins	1284	40	2.50	100	7.91	2.17	0.008	0.598	0.590	0.766	05/18/2018	14:22
38	J2953-01MS3Post	40	2	2.50	100	7.87	2.30	0.013	0.362	0.349	0.453	05/18/2018	14:22
39	CCV4	0.5	1	100	100		1.74	0.000	0.390	0.390	0.506	05/18/2018	14:23
40	CCB4		1	100	100		1.89	0.000	0.000	0.000	0.000	05/18/2018	14:23
41	J2953-03		1	2.51	100	7.52	2.33	0.003	0.003	0.000	0.000	05/18/2018	14:24
42	J2954-01		1	2.52	100	7.16	2.21	0.017	0.017	0.000	0.000	05/18/2018	14:24

43	J2957-01		1	2.53	100	7.36	1.56	0.092	0.092	0.000	0.000	05/18/2018	14:25
44	J2964-01		1	2.52	100	7.12	1.73	0.050	0.061	0.011	0.014	05/18/2018	14:25
45	J2967-01		1	2.51	100	7.74	1.88	0.067	0.069	0.002	0.002	05/18/2018	14:26
46	CCV5	0.5	1	100	100		2.25	0.000	0.390	0.390	0.506	05/18/2018	14:26
47	CCB5		1	100	100		2.33	0.000	0.000	0.000	0.000	05/18/2018	14:27