

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97503

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67256
Calibration Std. hexchrome 0.05 ppm	WP67255
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67258
Calibratation STD Hexa Chrome 0.5 PPM	WP67257
calibration std. hexchrome 0.01 ppm	WP67253
calibration std. hexchrome 0 ppm	WP67252
Hexavalent Chromium ICV Std.	WP67259
Hexavalent Chromium CCV Std	WP67260
hexavalent chromium color reagent	WP67083
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67254

Intercept: 0

Slope: 0.7708

Regression: 0.999994

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		2.03	0.000	0.000	0.000	08/23/2018	13:10
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	08/23/2018	13:10
3	CAL3	0.025	1	100	100		1.61	0.000	0.018	0.018	08/23/2018	13:11
4	CAL4	0.05	1	100	100		2.11	0.000	0.039	0.039	08/23/2018	13:11
5	CAL5	0.1	1	100	100		2.33	0.000	0.078	0.078	08/23/2018	13:12
6	CAL6	0.5	1	100	100		2.44	0.000	0.387	0.387	08/23/2018	13:12
7	CAL7	1	1	100	100		1.57	0.000	0.770	0.770	08/23/2018	13:13



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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		1.77	0.000	0.390	0.390	0.506	08/23/2018	13:13
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.000	08/23/2018	13:14
3	CCV1	0.5	1	100	100		2.36	0.000	0.390	0.390	0.506	08/23/2018	13:14
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	08/23/2018	13:15
5	PB112323BL		1	2.52	100	7.33	1.91	0.000	0.000	0.000	0.000	08/23/2018	13:15
6	PB112323BS	20	1	2.50	100	7.12	2.10	0.000	0.379	0.379	0.492	08/23/2018	13:16
7	J4276-03		1	2.55	100	7.90	2.45	0.024	0.024	0.000	0.000	08/23/2018	13:16
8	J4278-07		1	2.51	100	7.66	2.19	0.013	0.013	0.000	0.000	08/23/2018	13:17
9	J4278-09		1	2.54	100	7.51	2.27	0.010	0.010	0.000	0.000	08/23/2018	13:17
10	J4278-11		1	2.50	100	7.30	1.82	0.016	0.016	0.000	0.000	08/23/2018	13:18
11	J4283-03		1	2.51	100	7.37	1.73	0.043	0.043	0.000	0.000	08/23/2018	13:18
12	J4283-05		1	2.55	100	7.44	1.65	0.016	0.017	0.001	0.001	08/23/2018	13:19
13	J4580-01		1	2.54	100	7.25	2.07	0.017	0.025	0.008	0.010	08/23/2018	13:19
14	J4583-02		1	2.51	100	7.18	2.21	0.010	0.014	0.004	0.005	08/23/2018	13:20
15	CCV2	0.5	1	100	100		1.88	0.000	0.390	0.390	0.506	08/23/2018	13:20
16	CCB2		1	100	100		2.12	0.000	0.000	0.000	0.000	08/23/2018	13:21
17	J4583-02DUP		1	2.54	100	7.20	1.99	0.009	0.013	0.004	0.005	08/23/2018	13:21
18	J4583-03Pre	40	2	2.53	100	7.06	1.85	0.011	0.357	0.346	0.449	08/23/2018	13:22
19	J4583-032Ins	1284	40	2.53	100	7.11	2.41	0.008	0.631	0.623	0.808	08/23/2018	13:22
20	J4583-033Post	40	2	2.53	100	7.18	1.56	0.012	0.360	0.348	0.451	08/23/2018	13:23
21	J4583-04	40	2	2.53	100	7.69	1.73	0.011	0.357	0.346	0.449	08/23/2018	13:23
22	J4583-05		1	2.52	100	7.48	2.36	0.009	0.018	0.009	0.012	08/23/2018	13:24
23	J4583-06		1	2.55	100	7.44	1.90	0.011	0.011	0.000	0.000	08/23/2018	13:24
24	J4585-01		1	2.53	100	7.52	1.67	0.037	0.040	0.003	0.004	08/23/2018	13:25
25	PB112329BL		1	2.54	100	7.10	2.07	0.000	0.000	0.000	0.000	08/23/2018	13:25
26	PB112329BS	20	1	2.55	100	7.13	2.30	0.000	0.368	0.368	0.477	08/23/2018	13:26
27	CCV3	0.5	1	100	100		1.84	0.000	0.391	0.391	0.507	08/23/2018	13:26
28	CCB3		1	100	100		1.63	0.000	0.000	0.000	0.000	08/23/2018	13:27
29	J4594-01		1	2.54	100	7.70	2.13	0.016	0.016	0.000	0.000	08/23/2018	13:27
30	J4606-01		1	2.52	100	7.12	2.36	0.008	0.012	0.004	0.005	08/23/2018	13:28
31	J4607-01		1	2.53	100	7.04	1.94	0.010	0.013	0.003	0.004	08/23/2018	13:28
32	J4607-01DUP		1	2.51	100	7.65	1.73	0.009	0.012	0.003	0.004	08/23/2018	13:29
33	J4607-01MSPre	40	2	2.50	100	7.71	1.64	0.010	0.351	0.341	0.442	08/23/2018	13:29
34	J4607-01MS2Ins	1284	40	2.50	100	7.88	2.33	0.009	0.625	0.616	0.799	08/23/2018	13:30
35	J4607-01MS3Post	40	2	2.50	100	7.90	2.44	0.012	0.355	0.343	0.445	08/23/2018	13:30
36	J4608-01		1	2.50	100	7.62	2.07	0.009	0.015	0.006	0.008	08/23/2018	13:31
37	J4612-01		1	2.55	100	7.55	1.70	0.033	0.035	0.002	0.003	08/23/2018	13:31
38	J4612-04		1	2.51	100	7.31	1.98	0.028	0.031	0.003	0.004	08/23/2018	13:32
39	CCV4	0.5	1	100	100		2.26	0.000	0.391	0.391	0.507	08/23/2018	13:32
40	CCB4		1	100	100		1.90	0.000	0.000	0.000	0.000	08/23/2018	13:33