

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99137

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69449
Calibration Std. hexchrome 0.05 ppm	WP69448
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69451
Calibratation STD Hexa Chrome 0.5 PPM	WP69450
calibration std. hexchrome 0.01 ppm	WP69446
calibration std. hexchrome 0 ppm	WP69445
Hexavalent Chromium ICV Std.	WP69452
Hexavalent Chromium CCV Std	WP69453
hexavalent chromium color reagent	WP69345
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69447

Intercept: 0.0002

Slope: 0.7689

Regression: 0.999944

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		2.17	0.000	0.000	0.000	11/09/2018	15:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	11/09/2018	15:00
3	CAL3	0.025	1	100	100		2.26	0.000	0.018	0.018	11/09/2018	15:01
4	CAL4	0.05	1	100	100		1.77	0.000	0.037	0.037	11/09/2018	15:01
5	CAL5	0.1	1	100	100		2.29	0.000	0.078	0.078	11/09/2018	15:02
6	CAL6	0.5	1	100	100		2.21	0.000	0.391	0.391	11/09/2018	15:02
7	CAL7	1	1	100	100		1.83	0.000	0.766	0.766	11/09/2018	15:03



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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		1.77	0.000	0.391	0.391	0.508	11/09/2018	15:03
2	ICB		1	100	100		1.91	0.000	0.000	0.000	0.000	11/09/2018	15:04
3	CCV1	0.5	1	100	100		2.34	0.000	0.392	0.392	0.510	11/09/2018	15:04
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	11/09/2018	15:05
5	PB114698BL		1	2.51	100	7.28	2.28	0.000	0.000	0.000	0.000	11/09/2018	15:05
6	PB114698BS	20	1	2.53	100	7.14	1.74	0.000	0.372	0.372	0.484	11/09/2018	15:06
7	J5269-09		1	2.53	100	7.46	1.62	0.008	0.008	0.000	0.000	11/09/2018	15:06
8	J5269-13		1	2.52	100	7.63	1.58	0.044	0.044	0.000	0.000	11/09/2018	15:07
9	J5269-17		1	2.55	100	7.10	2.22	0.013	0.013	0.000	0.000	11/09/2018	15:07
10	J5269-21		1	2.52	100	7.07	2.14	0.015	0.015	0.000	0.000	11/09/2018	15:08
11	J5807-08		1	2.51	100	7.36	2.16	0.016	2.730	2.714	3.529	11/09/2018	15:08
12	J5859-02		1	2.55	100	7.21	1.72	0.027	0.027	0.000	0.000	11/09/2018	15:09
13	J5859-05		1	2.50	100	7.84	1.55	0.022	0.022	0.000	0.000	11/09/2018	15:09
14	J5863-01		1	2.51	100	7.21	1.93	0.009	0.014	0.005	0.006	11/09/2018	15:10
15	CCV2	0.5	1	100	100		2.15	0.000	0.392	0.392	0.510	11/09/2018	15:10
16	CCB2		1	100	100		2.24	0.000	0.000	0.000	0.000	11/09/2018	15:11
17	J5863-01DUP		1	2.52	100	7.35	2.38	0.010	0.015	0.005	0.006	11/09/2018	15:11
18	J5863-01MSPre	40	2	2.55	100	7.40	1.91	0.012	0.359	0.347	0.451	11/09/2018	15:12
19	J5863-01MS2Ins	1284	40	2.54	100	7.88	1.70	0.007	0.613	0.606	0.788	11/09/2018	15:12
20	J5863-01MS3Post	40	2	2.50	100	7.03	1.66	0.013	0.363	0.350	0.455	11/09/2018	15:13
21	J5864-01		1	2.54	100	7.14	2.12	0.010	0.010	0.000	0.000	11/09/2018	15:13
22	J5864-02		1	2.52	100	7.69	2.33	0.007	0.007	0.000	0.000	11/09/2018	15:14
23	J5876-01		1	2.50	100	7.32	1.71	0.012	0.012	0.000	0.000	11/09/2018	15:14
24	PB114699BL		1	2.52	100	7.80	1.54	0.000	0.000	0.000	0.000	11/09/2018	15:15
25	PB114699BS	20	1	2.53	100	7.91	2.48	0.000	0.366	0.366	0.476	11/09/2018	15:15
26	J5884-03		1	2.50	100	7.55	1.69	0.019	0.019	0.000	0.000	11/09/2018	15:16
27	CCV3	0.5	1	100	100		2.10	0.000	0.392	0.392	0.510	11/09/2018	15:16
28	CCB3		1	100	100		2.11	0.000	0.000	0.000	0.000	11/09/2018	15:17
29	J5884-07		1	2.51	100	7.48	2.45	0.021	0.021	0.000	0.000	11/09/2018	15:17
30	J5884-11		1	2.53	100	7.33	1.73	0.028	0.028	0.000	0.000	11/09/2018	15:18
31	J5884-15		1	2.55	100	7.56	2.10	0.159	0.159	0.000	0.000	11/09/2018	15:18
32	J5887-03		1	2.51	100	7.44	1.53	0.007	0.007	0.000	0.000	11/09/2018	15:19
33	J5887-03DUP		1	2.52	100	7.69	1.72	0.008	0.008	0.000	0.000	11/09/2018	15:19
34	J5887-03MSPre	40	2	2.50	100	7.14	2.36	0.008	0.353	0.345	0.448	11/09/2018	15:20
35	J5887-03MS2Ins	1284	40	2.54	100	7.31	1.99	0.006	0.597	0.591	0.768	11/09/2018	15:20
36	J5887-03MS3Post	40	2	2.53	100	7.74	1.78	0.009	0.356	0.347	0.451	11/09/2018	15:21
37	J5887-07		1	2.51	100	7.26	2.32	0.005	0.005	0.000	0.000	11/09/2018	15:21
38	J5887-11		1	2.50	100	7.31	2.22	0.042	0.042	0.000	0.000	11/09/2018	15:22
39	CCV4	0.5	1	100	100		1.66	0.000	0.392	0.392	0.510	11/09/2018	15:22
40	CCB4		1	100	100		1.57	0.000	0.000	0.000	0.000	11/09/2018	15:23
41	J5887-15		1	2.54	100	7.20	1.89	0.010	0.010	0.000	0.000	11/09/2018	15:23
42	J5807-08		10	2.51	100	7.36	2.16	0.001	0.309	0.308	0.400	11/09/2018	15:24

43	CCV5	0.5	1	100	100		2.44	0.000	0.392	0.392	0.510	11/09/2018	15:24
44	CCB5		1	100	100		1.82	0.000	0.000	0.000	0.000	11/09/2018	15:25