

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91666

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59732
Calibration Std. hexchrome 0.05 ppm	WP59731
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59734
Calibratation STD Hexa Chrome 0.5 PPM	WP59733
calibration std. hexchrome 0.01 ppm	WP59729
calibration std. hexchrome 0 ppm	WP59728
Hexavalent Chromium ICV Std.	WP59735
Hexavalent Chromium CCV Std	WP59736
hexavalent chromium color reagent	WP59589
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59730

Intercept: 0.0006

Slope: 0.7772

Regression: 0.999955

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		2.30	0.000	0.000	0.000	11/17/2017	16:00
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	11/17/2017	16:00
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	11/17/2017	16:01
4	CAL4	0.05	1	100	100		1.74	0.000	0.039	0.039	11/17/2017	16:01
5	CAL5	0.1	1	100	100		2.20	0.000	0.079	0.079	11/17/2017	16:02
6	CAL6	0.5	1	100	100		2.44	0.000	0.395	0.395	11/17/2017	16:02
7	CAL7	1	1	100	100		1.68	0.000	0.775	0.775	11/17/2017	16:03

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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		1.57	0.000	0.390	0.390	0.501	11/17/2017	16:03
2	ICB		1	100	100		1.88	0.000	0.000	0.000	-0.001	11/17/2017	16:04
3	CCV1	0.5	1	100	100		2.23	0.000	0.392	0.392	0.504	11/17/2017	16:04
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	-0.001	11/17/2017	16:05
5	PB104365BL		1	2.51	100	7.32	2.11	0.000	0.000	0.000	-0.001	11/17/2017	16:05
6	PB104365BS	20	1	2.54	100	7.04	1.65	0.000	0.371	0.371	0.477	11/17/2017	16:06
7	I6299-05		1	2.53	100	7.10	1.71	0.052	0.052	0.000	-0.001	11/17/2017	16:06
8	I6304-12		1	2.50	100	7.88	1.55	0.019	0.019	0.000	-0.001	11/17/2017	16:07
9	I6304-14		1	2.51	100	7.61	2.43	0.015	0.015	0.000	-0.001	11/17/2017	16:07
10	I6304-16		1	2.54	100	7.39	2.10	0.016	0.016	0.000	-0.001	11/17/2017	16:08
11	I6304-18		1	2.50	100	7.41	2.25	0.022	0.022	0.000	-0.001	11/17/2017	16:08
12	I6304-20		1	2.52	100	7.53	1.86	0.027	0.027	0.000	-0.001	11/17/2017	16:09
13	I6499-01		1	2.51	100	7.65	1.57	0.031	0.031	0.000	-0.001	11/17/2017	16:09
14	I6499-02		1	2.52	100	7.56	1.68	0.008	0.008	0.000	-0.001	11/17/2017	16:10
15	CCV2	0.5	1	100	100		2.33	0.000	0.392	0.392	0.504	11/17/2017	16:10
16	CCB2		1	100	100		2.24	0.000	0.000	0.000	-0.001	11/17/2017	16:11
17	I6499-02DUP		1	2.54	100	7.88	2.30	0.007	0.007	0.000	-0.001	11/17/2017	16:11
18	I6499-02MSPre	40	2	2.55	100	7.90	1.89	0.010	0.359	0.349	0.448	11/17/2017	16:12
19	I6499-02MS2Ins	1284	40	2.52	100	7.32	1.77	0.009	0.631	0.622	0.800	11/17/2017	16:12
20	I6499-02MS3Post	40	2	2.51	100	7.27	1.94	0.012	0.366	0.354	0.455	11/17/2017	16:13
21	I6499-03		1	2.54	100	7.69	1.69	0.003	0.003	0.000	-0.001	11/17/2017	16:13
22	I6499-04		1	2.52	100	7.12	2.30	0.006	0.006	0.000	-0.001	11/17/2017	16:14
23	I6499-05		1	2.53	100	7.28	2.45	0.017	0.017	0.000	-0.001	11/17/2017	16:14
24	I6499-06		1	2.50	100	7.46	1.86	0.023	0.023	0.000	-0.001	11/17/2017	16:15
25	I6499-07		1	2.51	100	7.33	2.14	0.018	0.018	0.000	-0.001	11/17/2017	16:15
26	I6499-08		1	2.52	100	7.48	2.14	0.021	0.021	0.000	-0.001	11/17/2017	16:16
27	CCV3	0.5	1	100	100		2.20	0.000	0.393	0.393	0.505	11/17/2017	16:16
28	CCB3		1	100	100		1.76	0.000	0.000	0.000	-0.001	11/17/2017	16:17
29	I6499-09		1	2.50	100	7.55	2.03	0.011	0.011	0.000	-0.001	11/17/2017	16:17
30	I6513-01		1	2.53	100	7.60	2.39	0.049	0.049	0.000	-0.001	11/17/2017	16:18
31	I6521-01		1	2.51	100	7.81	2.27	0.015	0.015	0.000	-0.001	11/17/2017	16:18
32	I6521-05		1	2.54	100	7.46	1.93	0.011	0.011	0.000	-0.001	11/17/2017	16:19
33	I6521-09		1	2.50	100	7.41	2.22	0.018	0.018	0.000	-0.001	11/17/2017	16:19
34	CCV4	0.5	1	100	100		2.37	0.000	0.393	0.393	0.505	11/17/2017	16:20
35	CCB4		1	100	100		2.17	0.000	0.000	0.000	-0.001	11/17/2017	16:20