

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99109

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69409
Calibration Std. hexchrome 0.05 ppm	WP69408
Hexavalent Chromium LCS Std	WP69414
Calibratation STD HexaChrome 1 PPM	WP69411
Calibratation STD Hexa Chrome 0.5 PPM	WP69410
calibration std. hexchrome 0.01 ppm	WP69406
calibration std. hexchrome 0 ppm	WP69405
Hexavalent Chromium ICV Std.	WP69412
Hexavalent Chromium CCV Std	WP69413
hexavalent chromium color reagent	WP69345
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69407

Intercept: -0.0001

Slope: 0.7726

Regression: 0.999984

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		2.06	0.000	0.000	0.000	11/08/2018	13:30
2	CAL2	0.01	1	100	100		1.77	0.000	0.007	0.007	11/08/2018	13:30
3	CAL3	0.025	1	100	100		2.45	0.000	0.017	0.017	11/08/2018	13:31
4	CAL4	0.05	1	100	100		1.69	0.000	0.039	0.039	11/08/2018	13:31
5	CAL5	0.1	1	100	100		1.81	0.000	0.078	0.078	11/08/2018	13:32
6	CAL6	0.5	1	100	100		2.08	0.000	0.389	0.389	11/08/2018	13:32
7	CAL7	1	1	100	100		2.33	0.000	0.771	0.771	11/08/2018	13:33



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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		2.15	0.000	0.390	0.390	0.505	11/08/2018	13:33
2	ICB		1	100	100		1.87	0.000	0.000	0.000	0.000	11/08/2018	13:34
3	CCV1	0.5	1	100	100		1.70	0.000	0.391	0.391	0.506	11/08/2018	13:34
4	CCB1		1	100	100		2.24	0.000	0.000	0.000	0.000	11/08/2018	13:35
5	PB114643BL		1	2.51	100	7.66	2.36	0.000	0.000	0.000	0.000	11/08/2018	13:35
6	PB114643BS	20	1	2.50	100	7.81	1.71	0.000	0.379	0.379	0.491	11/08/2018	13:36
7	J5762-01		1	2.50	100	7.22	1.54	0.014	0.022	0.008	0.010	11/08/2018	13:36
8	J5762-03		1	2.54	100	7.14	2.03	0.029	0.029	0.000	0.000	11/08/2018	13:37
9	J5768-01		1	2.53	100	7.68	2.11	0.021	0.021	0.000	0.000	11/08/2018	13:37
10	J5768-03		1	2.54	100	7.31	2.34	0.021	0.021	0.000	0.000	11/08/2018	13:38
11	J5838-01		1	2.55	100	7.25	1.77	0.012	0.014	0.002	0.003	11/08/2018	13:38
12	J5838-01DUP		1	2.51	100	7.15	1.90	0.011	0.013	0.002	0.003	11/08/2018	13:39
13	J5838-01MSPre	40	2	2.50	100	7.11	2.12	0.015	0.368	0.353	0.457	11/08/2018	13:39
14	J5838-01MS2Ins	1284	40	2.54	100	7.95	1.74	0.010	0.594	0.584	0.756	11/08/2018	13:40
15	CCV2	0.5	1	100	100		2.03	0.000	0.391	0.391	0.506	11/08/2018	13:40
16	CCB2		1	100	100		2.17	0.000	0.000	0.000	0.000	11/08/2018	13:41
17	J5838-01MS3Post	40	2	2.55	100	7.16	2.28	0.016	0.374	0.358	0.463	11/08/2018	13:41
18	J5838-11		1	2.50	100	7.44	1.99	0.017	0.017	0.000	0.000	11/08/2018	13:42
19	J5839-03		1	2.52	100	7.18	1.60	0.010	0.010	0.000	0.000	11/08/2018	13:42
20	J5839-07		1	2.54	100	7.30	1.89	0.014	0.014	0.000	0.000	11/08/2018	13:43
21	J5839-11		1	2.55	100	7.22	2.12	0.013	0.013	0.000	0.000	11/08/2018	13:43
22	J5839-15		1	2.53	100	7.16	2.33	0.016	0.016	0.000	0.000	11/08/2018	13:44
23	J5858-03		1	2.50	100	7.44	1.69	0.014	0.014	0.000	0.000	11/08/2018	13:44
24	J5858-07		1	2.54	100	7.60	1.92	0.011	0.011	0.000	0.000	11/08/2018	13:45
25	J5858-11		1	2.55	100	7.81	2.45	0.009	0.009	0.000	0.000	11/08/2018	13:45
26	CCV3	0.5	1	100	100		2.36	0.000	0.391	0.391	0.506	11/08/2018	13:46
27	CCB3		1	100	100		1.96	0.000	0.000	0.000	0.000	11/08/2018	13:46