

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98624

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68758
Calibration Std. hexchrome 0.05 ppm	WP68757
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68760
Calibratation STD Hexa Chrome 0.5 PPM	WP68759
calibration std. hexchrome 0.01 ppm	WP68755
calibration std. hexchrome 0 ppm	WP68748
Hexavalent Chromium ICV Std.	WP68761
Hexavalent Chromium CCV Std	WP68762
hexavalent chromium color reagent	WP68747
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68756

Intercept: -0.0001

Slope: 0.7718

Regression: 0.999989

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		2.16	0.000	0.000	0.000	10/15/2018	13:30
2	CAL2	0.01	1	100	100		2.13	0.000	0.008	0.008	10/15/2018	13:30
3	CAL3	0.025	1	100	100		1.58	0.000	0.017	0.017	10/15/2018	13:31
4	CAL4	0.05	1	100	100		1.62	0.000	0.038	0.038	10/15/2018	13:31
5	CAL5	0.1	1	100	100		2.47	0.000	0.079	0.079	10/15/2018	13:32
6	CAL6	0.5	1	100	100		1.77	0.000	0.387	0.387	10/15/2018	13:32
7	CAL7	1	1	100	100		2.03	0.000	0.771	0.771	10/15/2018	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		1.63	0.000	0.390	0.390	0.505	10/15/2018	13:33
2	ICB		1	100	100		2.21	0.000	0.000	0.000	0.000	10/15/2018	13:34
3	CCV1	0.5	1	100	100		2.34	0.000	0.390	0.390	0.505	10/15/2018	13:34
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.000	10/15/2018	13:35
5	PB113854BL		1	2.50	100	7.20	1.72	0.000	0.000	0.000	0.000	10/15/2018	13:35
6	PB113854BS	20	1	2.51	100	7.45	2.16	0.000	0.375	0.375	0.486	10/15/2018	13:36
7	J5198-11		1	2.55	100	7.11	2.48	0.037	0.037	0.000	0.000	10/15/2018	13:36
8	J5198-13		1	2.54	100	7.06	1.62	0.026	0.028	0.002	0.003	10/15/2018	13:37
9	J5198-15		1	2.53	100	7.49	2.17	0.029	0.029	0.000	0.000	10/15/2018	13:37
10	J5198-17		1	2.50	100	7.63	2.31	0.014	0.014	0.000	0.000	10/15/2018	13:38
11	J5198-19		1	2.51	100	7.88	1.66	0.032	0.032	0.000	0.000	10/15/2018	13:38
12	J5509-02		1	2.51	100	7.10	1.78	0.013	0.013	0.000	0.000	10/15/2018	13:39
13	J5509-02DUP		1	2.54	100	7.32	2.24	0.014	0.014	0.000	0.000	10/15/2018	13:39
14	J5509-02MSPre	40	2	2.53	100	7.82	2.45	0.015	0.363	0.348	0.451	10/15/2018	13:40
15	CCV2	0.5	1	100	100		1.87	0.000	0.391	0.391	0.507	10/16/2018	13:40
16	CCB2		1	100	100		2.13	0.000	0.000	0.000	0.000	10/16/2018	13:41
17	J5509-02MS2Ins	1284	40	2.53	100	7.16	2.19	0.010	0.577	0.567	0.735	10/15/2018	13:41
18	J5509-02MS3Post	40	2	2.53	100	7.22	1.96	0.016	0.365	0.349	0.452	10/15/2018	13:42
19	CCV3	0.5	1	100	100		1.75	0.000	0.391	0.391	0.507	10/15/2018	13:42
20	CCB3		1	100	100		2.14	0.000	0.000	0.000	0.000	10/15/2018	13:43