

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97346

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67072
Calibration Std. hexchrome 0.05 ppm	WP67071
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67074
Calibratation STD Hexa Chrome 0.5 PPM	WP67073
calibration std. hexchrome 0.01 ppm	WP67069
calibration std. hexchrome 0 ppm	WP67068
Hexavalent Chromium ICV Std.	WP67075
Hexavalent Chromium CCV Std	WP67078
hexavalent chromium color reagent	WP66955
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67070

Intercept: 0.0006

Slope: 0.7713

Regression: 0.999977

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		2.10	0.000	0.000	0.000	08/16/2018	12:30
2	CAL2	0.01	1	100	100		1.93	0.000	0.008	0.008	08/16/2018	12:30
3	CAL3	0.025	1	100	100		1.80	0.000	0.018	0.018	08/16/2018	12:31
4	CAL4	0.05	1	100	100		2.04	0.000	0.039	0.039	08/16/2018	12:31
5	CAL5	0.1	1	100	100		2.22	0.000	0.079	0.079	08/16/2018	12:32
6	CAL6	0.5	1	100	100		2.16	0.000	0.390	0.390	08/16/2018	12:32
7	CAL7	1	1	100	100		1.84	0.000	0.770	0.770	08/16/2018	12:33



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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		1.88	0.000	0.388	0.388	0.502	08/16/2018	12:33
2	ICB		1	100	100		2.01	0.000	0.000	0.000	-0.001	08/16/2018	12:34
3	CCV1	0.5	1	100	100		2.44	0.000	0.388	0.388	0.502	08/16/2018	12:34
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	-0.001	08/16/2018	12:35
5	PB112122BL		1	2.53	100	7.35	1.62	0.000	0.000	0.000	-0.001	08/16/2018	12:35
6	PB112122BS	20	1	2.54	100	7.80	1.58	0.000	0.380	0.380	0.492	08/16/2018	12:36
7	J4269-01		1	2.50	100	7.31	1.76	0.017	0.017	0.000	-0.001	08/16/2018	12:36
8	J4269-03		1	2.52	100	7.14	2.11	0.015	0.015	0.000	-0.001	08/16/2018	12:37
9	J4282-05		1	2.54	100	7.66	2.35	0.012	0.012	0.000	-0.001	08/16/2018	12:37
10	J4282-07		1	2.50	100	7.38	2.20	0.024	0.024	0.000	-0.001	08/16/2018	12:38
11	J4483-02		1	2.54	100	7.15	2.40	0.033	0.033	0.000	-0.001	08/16/2018	12:38
12	J4486-01		1	2.55	100	7.07	1.69	0.022	0.023	0.001	0.001	08/16/2018	12:39
13	J4500-01		1	2.50	100	7.69	1.85	0.003	0.003	0.000	-0.001	08/16/2018	12:39
14	J4500-05		1	2.53	100	7.71	1.77	0.007	0.007	0.000	-0.001	08/16/2018	12:40
15	CCV2	0.5	1	100	100		1.90	0.000	0.389	0.389	0.504	08/16/2018	12:40
16	CCB2		1	100	100		2.99	0.000	0.000	0.000	-0.001	08/16/2018	12:41
17	J4500-09		1	2.52	100	7.44	2.75	0.009	0.009	0.000	-0.001	08/16/2018	12:41
18	J4500-13		1	2.50	100	7.50	1.86	0.010	0.020	0.010	0.012	08/16/2018	12:42
19	J4500-13DUP		1	2.51	100	7.69	2.18	0.011	0.021	0.010	0.012	08/16/2018	12:42
20	J4500-13MSPre	40	2	2.54	100	7.22	2.10	0.011	0.359	0.348	0.450	08/16/2018	12:43
21	J4500-13MS2Ins	1284	40	2.54	100	7.30	1.73	0.008	0.612	0.604	0.782	08/16/2018	12:43
22	J4500-13MS3Post	40	2	2.54	100	7.16	1.62	0.013	0.380	0.367	0.475	08/16/2018	12:44
23	J4500-17		1	2.50	100	7.11	2.15	0.013	0.013	0.000	-0.001	08/16/2018	12:44
24	J4500-21		1	2.50	100	7.05	2.36	0.015	0.015	0.000	-0.001	08/16/2018	12:45
25	CCV3	0.5	1	100	100		2.40	0.000	0.389	0.389	0.504	08/16/2018	12:45
26	CCB3		1	100	100		1.77	0.000	0.000	0.000	-0.001	08/16/2018	12:46