

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96946

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66512
Calibration Std. hexchrome 0.05 ppm	WP66511
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66514
Calibratation STD Hexa Chrome 0.5 PPM	WP66513
calibration std. hexchrome 0.01 ppm	WP66509
calibration std. hexchrome 0 ppm	WP66504
Hexavalent Chromium ICV Std.	WP66515
Hexavalent Chromium CCV Std	WP66516
hexavalent chromium color reagent	WP66393
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66510

Intercept: 0.0001

Slope: 0.7688

Regression: 0.999974

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	07/27/2018	14:00
2	CAL2	0.01	1	100	100		2.19	0.000	0.007	0.007	07/27/2018	14:00
3	CAL3	0.025	1	100	100		1.88	0.000	0.017	0.017	07/27/2018	14:01
4	CAL4	0.05	1	100	100		1.92	0.000	0.038	0.038	07/27/2018	14:01
5	CAL5	0.1	1	100	100		2.22	0.000	0.079	0.079	07/27/2018	14:02
6	CAL6	0.5	1	100	100		2.19	0.000	0.388	0.388	07/27/2018	14:02
7	CAL7	1	1	100	100		1.63	0.000	0.767	0.767	07/27/2018	14:03



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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		1.66	0.000	0.389	0.389	0.506	07/27/2018	14:03
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	07/27/2018	14:04
3	CCV1	0.5	1	100	100		2.05	0.000	0.389	0.389	0.506	07/27/2018	14:04
4	CCB1		1	100	100		2.44	0.000	0.000	0.000	0.000	07/27/2018	14:05
5	PB111560BL		1	2.51	100	7.24	1.90	0.000	0.000	0.000	0.000	07/27/2018	14:05
6	PB111560BS	20	1	2.54	100	7.69	2.15	0.000	0.377	0.377	0.490	07/27/2018	14:06
7	J4152-01		1	2.50	100	7.33	2.33	0.008	0.009	0.001	0.001	07/27/2018	14:06
8	J4152-05		1	2.54	100	7.12	2.35	0.010	0.012	0.002	0.002	07/27/2018	14:07
9	J4176-04		1	1.50	100	7.05	1.77	0.139	0.139	0.000	0.000	07/27/2018	14:07
10	J4180-01		1	2.52	100	7.66	1.58	0.030	0.030	0.000	0.000	07/27/2018	14:08
11	J4180-05		1	2.55	100	7.90	2.13	0.026	0.026	0.000	0.000	07/27/2018	14:08
12	J4189-03		1	2.51	100	7.12	1.77	0.020	0.020	0.000	0.000	07/27/2018	14:09
13	J4189-07		1	2.53	100	7.63	2.08	0.007	0.009	0.002	0.002	07/27/2018	14:09
14	J4189-11		1	2.52	100	7.14	1.88	0.008	0.014	0.006	0.008	07/27/2018	14:10
15	CCV2	0.5	1	100	100		1.94	0.000	0.389	0.389	0.506	07/27/2018	14:10
16	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.000	07/27/2018	14:11
17	J4189-15		1	2.55	100	7.03	2.33	0.013	0.013	0.000	0.000	07/27/2018	14:11
18	J4189-19		1	2.51	100	7.14	1.64	0.016	0.016	0.000	0.000	07/27/2018	14:12
19	J4192-01		1	2.50	100	7.28	1.88	0.012	0.012	0.000	0.000	07/27/2018	14:12
20	J4192-01DUP		1	2.54	100	7.44	1.91	0.011	0.011	0.000	0.000	07/27/2018	14:13
21	J4192-01MSPre	40	2	2.55	100	7.93	2.37	0.013	0.361	0.348	0.453	07/27/2018	14:13
22	J4192-01MS2Ins	1284	40	2.55	100	7.69	2.22	0.009	0.621	0.612	0.796	07/27/2018	14:14
23	J4192-01MS3Post	40	2	2.55	100	7.23	2.31	0.015	0.365	0.350	0.455	07/27/2018	14:14
24	J4192-03		1	2.55	100	7.22	1.77	0.009	0.009	0.000	0.000	07/27/2018	14:15
25	J4192-05		1	2.54	100	7.36	1.54	0.014	0.014	0.000	0.000	07/27/2018	14:15
26	J4192-07		1	2.52	100	7.14	2.03	0.011	0.011	0.000	0.000	07/27/2018	14:16
27	CCV3	0.5	1	100	100		1.90	0.000	0.390	0.390	0.507	07/27/2018	14:16
28	CCB3		1	100	100		2.33	0.000	0.000	0.000	0.000	07/27/2018	14:17
29	J4193-01		1	2.50	100	7.69	2.20	0.041	0.041	0.000	0.000	07/27/2018	14:17
30	CCV4	0.5	1	100	100		1.69	0.000	0.390	0.390	0.507	07/27/2018	14:18
31	CCB4		1	100	100		1.84	0.000	0.000	0.000	0.000	07/27/2018	14:18