

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB102100

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73665
Calibratation STD Hexa Chrome 0.5 PPM	WP73664
Calibration Std. hexchrome 0.1 ppm	WP73663
Calibration Std. hexchrome 0.05 ppm	WP73662
calibration std. hexchrome 0.01 ppm	WP73660
calibration std. hexchrome 0 ppm	WP73659
Hexavalent Chromium ICV Std.	WP73666
Hexavalent Chromium CCV Std	WP73667
hexavalent chromium color reagent	WP73561
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73661
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0006

Slope: 0.7714

Regression: 0.999987

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		2.26	0.000	0.000	0.000	04/15/2019	14:00
2	CAL2	0.01	1	100	100		2.31	0.000	0.008	0.008	04/15/2019	14:00
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	04/15/2019	14:01
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	04/15/2019	14:01
5	CAL5	0.1	1	100	100		1.57	0.000	0.080	0.080	04/15/2019	14:02
6	CAL6	0.5	1	100	100		1.65	0.000	0.388	0.388	04/15/2019	14:02
7	CAL7	1	1	100	100		2.70	0.000	0.771	0.771	04/15/2019	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		1.78	0.000	0.392	0.392	0.507	04/15/2019	14:03
2	ICB		1	100	100		2.14	0.000	0.000	0.000	-0.001	04/15/2019	14:04
3	CCV1	0.5	1	100	100		2.26	0.000	0.392	0.392	0.507	04/15/2019	14:04
4	CCB1		1	100	100		2.40	0.000	0.000	0.000	-0.001	04/15/2019	14:05
5	PB118894BL		1	2.52	100	7.07	1.69	0.000	0.000	0.000	-0.001	04/15/2019	14:05
6	PB118894BS	20	1	2.50	100	7.19	1.54	0.000	0.383	0.383	0.496	04/15/2019	14:06
7	K2199-09		1	2.50	100	7.66	1.81	0.015	0.015	0.000	-0.001	04/15/2019	14:06
8	K2199-11		1	2.55	100	7.25	2.03	0.017	0.017	0.000	-0.001	04/15/2019	14:07
9	K2374-02		1	2.53	100	7.10	2.17	0.010	0.010	0.000	-0.001	04/15/2019	14:07
10	K2390-01		1	2.51	100	7.44	2.33	0.050	0.050	0.000	-0.001	04/15/2019	14:08
11	K2390-03		1	2.55	100	7.69	1.70	0.048	0.048	0.000	-0.001	04/15/2019	14:08
12	K2390-05		1	2.54	100	7.23	1.92	0.030	0.030	0.000	-0.001	04/15/2019	14:09
13	K2397-03		1	2.50	100	7.67	2.19	0.080	0.080	0.000	-0.001	04/15/2019	14:09
14	K2397-07		1	2.54	100	7.32	1.77	0.117	0.117	0.000	-0.001	04/15/2019	14:10
15	CCV2	0.5	1	100	100		1.52	0.000	0.393	0.393	0.509	04/15/2019	14:10
16	CCB2		1	100	100		1.67	0.000	0.000	0.000	-0.001	04/15/2019	14:11
17	K2397-11		1	2.55	100	7.40	2.08	0.111	0.111	0.000	-0.001	04/15/2019	14:11
18	K2397-15		1	2.51	100	7.55	2.12	0.103	0.103	0.000	-0.001	04/15/2019	14:12
19	K2405-02		1	2.52	100	7.21	2.31	0.007	0.007	0.000	-0.001	04/15/2019	14:12
20	K2407-03		1	2.53	100	7.04	1.82	0.006	0.006	0.000	-0.001	04/15/2019	14:13
21	K2407-07		1	2.50	100	7.10	1.94	0.011	0.011	0.000	-0.001	04/15/2019	14:13
22	K2407-11		1	2.55	100	7.34	1.66	0.008	0.008	0.000	-0.001	04/15/2019	14:14
23	K2407-11DUP		1	2.52	100	7.21	2.35	0.009	0.009	0.000	-0.001	04/15/2019	14:14
24	K2407-11MSPre	40	2	2.53	100	7.69	1.44	0.010	0.371	0.361	0.467	04/15/2019	14:15
25	K2407-11MS2Ins	1284	40	2.51	100	7.20	2.39	0.008	0.625	0.617	0.799	04/15/2019	14:15
26	K2407-11MS3Post	40	2	2.55	100	7.30	2.20	0.012	0.379	0.367	0.475	04/15/2019	14:16
27	CCV3	0.5	1	100	100		2.15	0.000	0.393	0.393	0.509	04/15/2019	14:16
28	CCB3		1	100	100		1.98	0.000	0.000	0.000	-0.001	04/15/2019	14:17