

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101048

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP72036
Calibration Std. hexchrome 0.05 ppm	WP72035
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP72038
Calibratation STD Hexa Chrome 0.5 PPM	WP72037
calibration std. hexchrome 0.01 ppm	WP72033
calibration std. hexchrome 0 ppm	WP72032
Hexavalent Chromium ICV Std.	WP72039
Hexavalent Chromium CCV Std	WP72041
hexavalent chromium color reagent	WP71916
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP72060

Intercept: 0.0004

Slope: 0.7708

Regression: 0.999978

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		2.09	0.000	0.000	0.000	02/27/2019	14:00
2	CAL2	0.01	1	100	100		1.93	0.000	0.007	0.007	02/27/2019	14:00
3	CAL3	0.025	1	100	100		1.66	0.000	0.017	0.017	02/27/2019	14:01
4	CAL4	0.05	1	100	100		1.68	0.000	0.040	0.040	02/27/2019	14:01
5	CAL5	0.1	1	100	100		2.33	0.000	0.080	0.080	02/27/2019	14:02
6	CAL6	0.5	1	100	100		1.88	0.000	0.388	0.388	02/27/2019	14:02
7	CAL7	1	1	100	100		1.56	0.000	0.770	0.770	02/27/2019	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		2.04	0.000	0.392	0.392	0.508	02/27/2019	14:03
2	ICB		1	100	100		1.66	0.000	0.000	0.000	-0.001	02/27/2019	14:04
3	CCV1	0.5	1	100	100		1.72	0.000	0.392	0.392	0.508	02/27/2019	14:04
4	CCB1		1	100	100		2.09	0.000	0.000	0.000	-0.001	02/27/2019	14:05
5	PB117441BL		1	2.52	100	7.45	2.33	0.000	0.000	0.000	-0.001	02/27/2019	14:05
6	PB117441BS	20	1	2.50	100	7.21	1.74	0.000	0.380	0.380	0.492	02/27/2019	14:06
7	K1350-11		1	2.50	100	7.45	1.55	0.021	0.021	0.000	-0.001	02/27/2019	14:06
8	K1350-13		1	2.53	100	7.33	1.80	0.026	0.026	0.000	-0.001	02/27/2019	14:07
9	K1350-15		1	2.51	100	7.12	2.19	0.023	0.023	0.000	-0.001	02/27/2019	14:07
10	K1353-01		1	2.55	100	7.16	2.25	0.042	0.042	0.000	-0.001	02/27/2019	14:08
11	K1353-03		1	2.50	100	7.16	2.41	0.048	0.048	0.000	-0.001	02/27/2019	14:08
12	K1353-05		1	2.55	100	7.20	1.79	0.016	0.024	0.008	0.010	02/27/2019	14:09
13	K1353-07		1	2.54	100	7.69	1.93	0.076	0.076	0.000	-0.001	02/27/2019	14:09
14	K1633-03		1	2.51	100	7.10	2.17	0.007	0.007	0.000	-0.001	02/27/2019	14:10
15	CCV2	0.5	1	100	100		2.25	0.000	0.393	0.393	0.509	02/27/2019	14:10
16	CCB2		1	100	100		2.21	0.000	0.000	0.000	-0.001	02/27/2019	14:11
17	K1633-07		1	2.50	100	7.18	1.74	0.076	0.076	0.000	-0.001	02/27/2019	14:11
18	K1633-07DUP		1	2.54	100	7.31	2.40	0.005	0.005	0.000	-0.001	02/27/2019	14:12
19	K1633-07MSPre	40	2	2.55	100	7.90	1.80	0.006	0.373	0.367	0.476	02/27/2019	14:12
20	K1633-07MS2Ins	1284	40	2.52	100	7.86	2.13	0.005	0.576	0.571	0.740	02/27/2019	14:13
21	K1633-07MS3Post	40	2	2.53	100	7.86	2.30	0.006	0.376	0.370	0.480	02/27/2019	14:13
22	CCV3	0.5	1	100	100		1.83	0.000	0.393	0.393	0.509	02/27/2019	14:14
23	CCB3		1	100	100		2.18	0.000	0.000	0.000	-0.001	02/27/2019	14:14