

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101681

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72987
Calibratation STD Hexa Chrome 0.5 PPM	WP72988
Calibration Std. hexchrome 0.1 ppm	WP73026
Calibration Std. hexchrome 0.05 ppm	WP73025
calibration std. hexchrome 0.01 ppm	WP73023
calibration std. hexchrome 0 ppm	WP73022
Hexavalent Chromium ICV Std.	WP73027
Hexavalent Chromium CCV Std	WP73028
hexavalent chromium color reagent	WP72761
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73024
HNO3 Hex-Chrome, 5M	WP70045

Intercept: -0.0001

Slope: 0.7725

Regression: 0.999985

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		2.41	0.000	0.000	0.000	03/27/2019	11:30
2	CAL2	0.01	1	100	100		2.30	0.000	0.008	0.008	03/27/2019	11:30
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	03/27/2019	11:31
4	CAL4	0.05	1	100	100		1.49	0.000	0.039	0.039	03/27/2019	11:31
5	CAL5	0.1	1	100	100		2.06	0.000	0.077	0.077	03/27/2019	11:32
6	CAL6	0.5	1	100	100		2.47	0.000	0.389	0.389	03/27/2019	11:32
7	CAL7	1	1	100	100		2.33	0.000	0.771	0.771	03/27/2019	11:33



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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		2.34	0.000	0.389	0.389	0.504	03/27/2019	11:33
2	ICB		1	100	100		1.70	0.000	0.000	0.000	0.000	03/27/2019	11:34
3	CCV1	0.5	1	100	100		1.53	0.000	0.393	0.393	0.509	03/27/2019	16:00
4	CCB1		1	100	100		2.16	0.000	0.000	0.000	0.000	03/27/2019	16:00
5	PB118334BL		1	2.52	100	7.85	1.67	0.000	0.000	0.000	0.000	03/27/2019	16:01
6	PB118334BS	20	1	2.50	100	7.32	2.03	0.000	0.385	0.385	0.499	03/27/2019	16:01
7	K2107-01		1	2.51	100	7.10	2.17	0.007	0.007	0.000	0.000	03/27/2019	16:02
8	K2107-03		1	2.53	100	7.69	1.91	0.010	0.010	0.000	0.000	03/27/2019	16:02
9	K2107-05		1	2.51	100	7.33	1.52	0.008	0.010	0.002	0.003	03/27/2019	16:03
10	K2107-07		1	2.54	100	7.12	1.63	0.004	0.005	0.001	0.001	03/27/2019	16:03
11	K2107-09		1	2.55	100	7.32	2.01	0.008	0.008	0.000	0.000	03/27/2019	16:04
12	K2107-11		1	2.50	100	7.94	2.34	0.007	0.009	0.002	0.003	03/27/2019	16:04
13	K2107-13		1	2.51	100	7.68	2.07	0.012	0.013	0.001	0.001	03/27/2019	16:05
14	K2107-15		1	2.52	100	7.22	1.77	0.011	0.014	0.003	0.004	03/27/2019	16:05
15	CCV2	0.5	1	100	100		1.63	0.000	0.393	0.393	0.509	03/27/2019	16:06
16	CCB2		1	100	100		1.59	0.000	0.000	0.000	0.000	03/27/2019	16:06
17	K2107-17		1	2.53	100	7.63	2.04	0.013	0.015	0.002	0.003	03/27/2019	16:07
18	K2111-01		1	2.50	100	7.51	2.21	0.004	0.004	0.000	0.000	03/27/2019	16:07
19	K2111-03		1	2.51	100	7.22	2.33	0.009	0.009	0.000	0.000	03/27/2019	16:08
20	K2111-03DUP		1	2.52	100	7.10	1.83	0.008	0.008	0.000	0.000	03/27/2019	16:08
21	K2111-03MSPre	40	2	2.51	100	7.31	1.92	0.010	0.374	0.364	0.471	03/27/2019	16:09
22	K2111-03MS2Ins	1284	40	2.52	100	7.66	2.07	0.008	0.625	0.617	0.799	03/27/2019	16:09
23	K2111-03MS3Post	40	2	2.53	100	7.90	2.09	0.011	0.377	0.366	0.474	03/27/2019	16:10
24	K2111-05		1	2.51	100	7.10	1.78	0.006	0.007	0.001	0.001	03/27/2019	16:10
25	CCV3	0.5	1	100	100		1.60	0.000	0.393	0.393	0.509	03/27/2019	16:11
26	CCB3		1	100	100		1.73	0.000	0.000	0.000	0.000	03/27/2019	16:11