

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101174

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72218
Calibratation STD Hexa Chrome 0.5 PPM	WP72217
Calibration Std. hexchrome 0.1 ppm	WP72216
Calibration Std. hexchrome 0.05 ppm	WP72215
calibration std. hexchrome 0.01 ppm	WP72213
calibration std. hexchrome 0 ppm	WP72212
Hexavalent Chromium ICV Std.	WP72219
Hexavalent Chromium CCV Std	WP72220
hexavalent chromium color reagent	WP72145
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72214
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0006

Slope: 0.7714

Regression: 0.999969

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	03/05/2019	15:00
2	CAL2	0.01	1	100	100		2.25	0.000	0.008	0.008	03/05/2019	15:00
3	CAL3	0.025	1	100	100		1.79	0.000	0.017	0.017	03/05/2019	15:01
4	CAL4	0.05	1	100	100		1.83	0.000	0.039	0.039	03/05/2019	15:01
5	CAL5	0.1	1	100	100		1.65	0.000	0.080	0.080	03/05/2019	15:02
6	CAL6	0.5	1	100	100		2.20	0.000	0.390	0.390	03/05/2019	15:02
7	CAL7	1	1	100	100		1.78	0.000	0.770	0.770	03/05/2019	15:03

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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		2.03	0.000	0.392	0.392	0.507	03/05/2019	15:03
2	ICB		1	100	100		2.14	0.000	0.000	0.000	-0.001	03/05/2019	15:04
3	CCV1	0.5	1	100	100		2.42	0.000	0.392	0.392	0.507	03/05/2019	15:04
4	CCB1		1	100	100		1.87	0.000	0.000	0.000	-0.001	03/05/2019	15:05
5	PB117639BL		1	2.50	100	7.60	1.96	0.000	0.000	0.000	-0.001	03/05/2019	15:05
6	PB117639BS	20	1	2.51	100	7.18	2.34	0.000	0.378	0.378	0.489	03/05/2019	15:06
7	K1707-01		1	2.51	100	7.31	1.77	0.040	0.050	0.010	0.012	03/05/2019	15:06
8	K1707-03		1	2.55	100	7.14	1.90	0.036	0.057	0.021	0.026	03/05/2019	15:07
9	K1707-05		1	2.54	100	7.80	2.43	0.042	0.049	0.007	0.008	03/05/2019	15:07
10	K1712-05		1	2.53	100	7.77	2.10	0.028	0.034	0.006	0.007	03/05/2019	15:08
11	K1712-07		1	2.50	100	7.68	1.87	0.010	0.015	0.005	0.006	03/05/2019	15:08
12	K1712-11		1	2.51	100	7.92	1.66	0.016	0.019	0.003	0.003	03/05/2019	15:09
13	K1712-15		1	2.52	100	7.65	1.93	0.018	0.021	0.003	0.003	03/05/2019	15:09
14	K1712-19		1	2.53	100	7.74	2.35	0.013	0.014	0.001	0.001	03/05/2019	15:10
15	CCV2	0.5	1	100	100		1.69	0.000	0.393	0.393	0.509	03/05/2019	15:10
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	-0.001	03/05/2019	15:11
17	K1712-19DUP		1	2.50	100	7.51	2.17	0.014	0.015	0.001	0.001	03/05/2019	15:11
18	K1712-19MSPre	40	2	2.52	100	7.46	1.94	0.015	0.367	0.352	0.456	03/05/2019	15:12
19	K1712-19MS2Ins	1284	40	2.55	100	7.40	1.70	0.012	0.620	0.608	0.787	03/05/2019	15:12
20	K1712-19MS3Post	40	2	2.50	100	7.32	2.19	0.016	0.369	0.353	0.457	03/05/2019	15:13
21	K1728-01		1	2.53	100	7.28	2.31	0.011	0.024	0.013	0.016	03/05/2019	15:13
22	K1729-01		1	2.54	100	7.22	2.45	0.004	0.066	0.062	0.080	03/05/2019	15:14
23	CCV3	0.5	1	100	100		1.87	0.000	0.393	0.393	0.509	03/05/2019	15:14
24	CCB3		1	100	100		1.90	0.000	0.000	0.000	-0.001	03/05/2019	15:15