



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101961

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73455
Calibratation STD Hexa Chrome 0.5 PPM	WP73454
Calibration Std. hexchrome 0.1 ppm	WP73453
Calibration Std. hexchrome 0.05 ppm	WP73452
calibration std. hexchrome 0.01 ppm	WP73450
calibration std. hexchrome 0 ppm	WP73422
Hexavalent Chromium ICV Std.	WP73456
Hexavalent Chromium CCV Std	WP73457
hexavalent chromium color reagent	WP73337
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73451
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0003

Slope: 0.7713

Regression: 0.999994

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		2.15	0.000	0.000	0.000	04/09/2019	11:40
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	04/09/2019	11:40
3	CAL3	0.025	1	100	100		1.61	0.000	0.018	0.018	04/09/2019	11:41
4	CAL4	0.05	1	100	100		1.54	0.000	0.039	0.039	04/09/2019	11:41
5	CAL5	0.1	1	100	100		2.17	0.000	0.079	0.079	04/09/2019	11:42
6	CAL6	0.5	1	100	100		1.80	0.000	0.387	0.387	04/09/2019	11:42
7	CAL7	1	1	100	100		1.74	0.000	0.771	0.771	04/09/2019	11:43



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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		2.01	0.000	0.391	0.391	0.507	04/09/2019	11:43
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.000	04/09/2019	11:44
3	CCV1	0.5	1	100	100		1.70	0.000	0.392	0.392	0.508	04/09/2019	11:44
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	04/09/2019	11:45
5	PB118713BL		1	2.51	100	7.33	2.25	0.000	0.000	0.000	0.000	04/09/2019	11:45
6	PB118713BS	20	1	2.53	100	7.84	2.34	0.000	0.380	0.380	0.492	04/09/2019	11:46
7	K2198-01		1	2.51	100	7.25	1.79	0.016	0.016	0.000	0.000	04/09/2019	11:46
8	K2199-05		1	2.54	100	7.31	1.55	0.019	0.019	0.000	0.000	04/09/2019	11:47
9	K2199-07		1	2.50	100	7.20	2.07	0.012	0.012	0.000	0.000	04/09/2019	11:47
10	K2199-07DUP		1	2.52	100	7.12	2.11	0.010	0.010	0.000	0.000	04/09/2019	11:48
11	K2199-07MSPre	40	2	2.55	100	7.63	1.80	0.015	0.360	0.345	0.447	04/09/2019	11:48
12	K2199-07MS2Ins	1284	40	2.53	100	7.10	2.13	0.011	0.625	0.614	0.796	04/09/2019	11:49
13	K2199-07MS3Post	40	2	2.54	100	7.08	1.90	0.016	0.372	0.356	0.461	04/09/2019	11:49
14	K2316-01		1	2.55	100	7.69	2.25	0.078	0.078	0.000	0.000	04/09/2019	11:50
15	CCV2	0.5	1	100	100		2.08	0.000	0.392	0.392	0.508	04/09/2019	11:50
16	CCB2		1	100	100		2.30	0.000	0.000	0.000	0.000	04/09/2019	11:51
17	K2316-02		1	2.50	100	7.71	1.77	0.084	0.084	0.000	0.000	04/09/2019	11:51
18	K2316-03		1	2.51	100	7.33	1.62	0.066	0.066	0.000	0.000	04/09/2019	11:52
19	K2316-04		1	2.55	100	7.24	2.25	0.071	0.071	0.000	0.000	04/09/2019	11:52
20	K2316-05		1	2.50	100	7.32	2.16	0.060	0.060	0.000	0.000	04/09/2019	11:53
21	K2316-06		1	2.52	100	7.61	1.60	0.049	0.049	0.000	0.000	04/09/2019	11:53
22	K2316-07		1	2.51	100	7.70	2.08	0.076	0.076	0.000	0.000	04/09/2019	11:54
23	K2316-08		1	2.54	100	7.85	2.44	0.080	0.080	0.000	0.000	04/09/2019	11:54
24	K2316-09		1	2.52	100	7.20	1.99	0.093	0.093	0.000	0.000	04/09/2019	11:55
25	K2316-10		1	2.50	100	7.31	1.73	0.087	0.087	0.000	0.000	04/09/2019	11:55
26	CCV3	0.5	1	100	100		1.54	0.000	0.393	0.393	0.509	04/09/2019	11:56
27	CCB3		1	100	100		2.07	0.000	0.000	0.000	0.000	04/09/2019	11:56