



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102443

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP74264
Calibration STD Hexa Chrome 0.5 PPM	WP74263
Calibration Std. hexchrome 0.1 ppm	WP74262
Calibration Std. hexchrome 0.05 ppm	WP74261
calibration std. hexchrome 0.01 ppm	WP74259
calibration std. hexchrome 0 ppm	WP74257
Hexavalent Chromium ICV Std.	WP74265
Hexavalent Chromium CCV Std	WP74266
hexavalent chromium color reagent	WP74120
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP74260
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0002

Slope: 0.7719

Regression: 0.999982

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	04/30/2019	14:00
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	04/30/2019	14:00
3	CAL3	0.025	1	100	100		1.76	0.000	0.017	0.017	04/30/2019	14:01
4	CAL4	0.05	1	100	100		1.69	0.000	0.039	0.039	04/30/2019	14:01
5	CAL5	0.1	1	100	100		1.52	0.000	0.080	0.080	04/30/2019	14:02
6	CAL6	0.5	1	100	100		2.36	0.000	0.388	0.388	04/30/2019	14:02
7	CAL7	1	1	100	100		2.11	0.000	0.771	0.771	04/30/2019	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		1.61	0.000	0.391	0.391	0.506	04/30/2019	14:03
2	ICB		1	100	100		1.83	0.000	0.000	0.000	0.000	04/30/2019	14:04
3	CCV1	0.5	1	100	100		2.15	0.000	0.391	0.391	0.506	04/30/2019	14:04
4	CCB1		1	100	100		2.27	0.000	0.000	0.000	0.000	04/30/2019	14:05
5	PB119352BL		1	2.52	100	7.16	2.31	0.000	0.000	0.000	0.000	04/30/2019	14:05
6	PB119352BS	20	1	2.51	100	7.55	1.60	0.000	0.373	0.373	0.483	04/30/2019	14:06
7	K2194-01		1	2.50	100	7.80	1.54	0.016	0.016	0.000	0.000	04/30/2019	14:06
8	K2194-01DUP		1	2.53	100	7.20	2.29	0.015	0.015	0.000	0.000	04/30/2019	14:07
9	K2194-01MSPre	40	2	2.55	100	7.06	1.78	0.017	0.363	0.346	0.448	04/30/2019	14:07
10	K2194-01MS2Ins	1284	40	2.52	100	7.41	2.24	0.014	0.577	0.563	0.729	04/30/2019	14:08
11	K2194-01MS3Post	40	2	2.51	100	7.69	2.44	0.019	0.368	0.349	0.452	04/30/2019	14:08
12	K2194-03		1	2.54	100	7.28	2.30	0.019	0.019	0.000	0.000	04/30/2019	14:09
13	K2194-05		1	2.53	100	7.30	2.21	0.022	0.022	0.000	0.000	04/30/2019	14:09
14	K2194-07		1	2.51	100	7.46	1.76	0.017	0.017	0.000	0.000	04/30/2019	14:10
15	CCV2	0.5	1	100	100		2.16	0.000	0.391	0.391	0.506	04/30/2019	14:10
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	04/30/2019	14:11
17	K2194-09		1	2.50	100	7.90	2.14	0.022	0.022	0.000	0.000	04/30/2019	14:11
18	K2194-11		1	2.54	100	7.28	1.63	0.028	0.028	0.000	0.000	04/30/2019	14:12
19	K2194-13		1	2.51	100	7.23	1.79	0.025	0.025	0.000	0.000	04/30/2019	14:12
20	K2194-15		1	2.52	100	7.10	1.82	0.018	0.018	0.000	0.000	04/30/2019	14:13
21	K2194-17		1	2.53	100	7.05	2.21	0.033	0.033	0.000	0.000	04/30/2019	14:13
22	K2199-17		1	2.50	100	7.19	2.36	0.033	0.033	0.000	0.000	04/30/2019	14:14
23	K2199-19		1	2.54	100	7.77	1.66	0.014	0.014	0.000	0.000	04/30/2019	14:14
24	CCV3	0.5	1	100	100		1.54	0.000	0.392	0.392	0.508	04/30/2019	14:15
25	CCB3		1	100	100		1.94	0.000	0.000	0.000	0.000	04/30/2019	14:15