



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100070

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70556
Calibration Std. hexchrome 0.05 ppm	WP70555
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70558
Calibratation STD Hexa Chrome 0.5 PPM	WP70557
calibration std. hexchrome 0.01 ppm	WP70553
calibration std. hexchrome 0 ppm	WP70552
Hexavalent Chromium ICV Std.	WP70559
Hexavalent Chromium CCV Std	WP70561
hexavalent chromium color reagent	WP70527
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70554

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		2.35	0.000	0.000	0.000	12/27/2018	16:00
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	12/27/2018	16:00
3	CAL3	0.025	1	100	100		2.16	0.000	0.017	0.017	12/27/2018	16:01
4	CAL4	0.05	1	100	100		1.84	0.000	0.039	0.039	12/27/2018	16:01
5	CAL5	0.1	1	100	100		1.92	0.000	0.080	0.080	12/27/2018	16:02
6	CAL6	0.5	1	100	100		2.03	0.000	0.390	0.390	12/27/2018	16:02
7	CAL7	1	1	100	100		1.78	0.000	0.770	0.770	12/27/2018	16:03



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100070

pH Meter ID: WC pH Meter-1

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		1.55	0.000	0.391	0.391	0.506	12/27/2018	16:03
2	ICB		1	100	100		2.30	0.000	0.000	0.000	-0.001	12/27/2018	16:04
3	CCV1	0.5	1	100	100		2.18	0.000	0.391	0.391	0.506	12/27/2018	16:04
4	CCB1		1	100	100		1.66	0.000	0.000	0.000	-0.001	12/27/2018	16:05
5	PB116043BL		1	2.52	100	7.12	1.92	0.000	0.000	0.000	-0.001	12/27/2018	16:05
6	PB116043BS	20	1	2.50	100	7.51	2.11	0.000	0.378	0.378	0.489	12/27/2018	16:06
7	J6195-11		1	2.50	100	7.60	2.23	0.010	0.010	0.000	-0.001	12/27/2018	16:06
8	J6195-13		1	2.55	100	7.81	1.63	0.013	0.013	0.000	-0.001	12/27/2018	16:07
9	J6195-13DUP		1	2.53	100	7.23	2.09	0.014	0.014	0.000	-0.001	12/27/2018	16:07
10	J6195-13MSPre	40	2	2.51	100	7.30	1.94	0.014	0.357	0.343	0.444	12/27/2018	16:08
11	J6195-13MS2Ins	1284	40	2.52	100	7.33	2.13	0.011	0.597	0.586	0.759	12/27/2018	16:08
12	J6195-13MS3Post	40	2	2.53	100	7.60	2.41	0.015	0.360	0.345	0.446	12/27/2018	16:09
13	J6505-01		1	2.50	100	7.14	1.97	0.010	0.012	0.002	0.002	12/27/2018	16:09
14	J6505-03		1	2.51	100	7.98	1.82	0.052	0.052	0.000	-0.001	12/27/2018	16:10
15	CCV2	0.5	1	100	100		2.36	0.000	0.392	0.392	0.507	12/27/2018	16:10
16	CCB2		1	100	100		2.14	0.000	0.000	0.000	-0.001	12/27/2018	16:11
17	J6505-05		1	2.55	100	7.65	1.77	0.088	0.088	0.000	-0.001	12/27/2018	16:11
18	J6505-07		1	2.53	100	7.11	1.80	0.063	0.063	0.000	-0.001	12/27/2018	16:12
19	J6505-09		1	2.55	100	7.16	2.16	0.119	0.119	0.000	-0.001	12/27/2018	16:12
20	J6505-11		1	2.54	100	7.24	2.29	0.130	0.130	0.000	-0.001	12/27/2018	16:13
21	J6505-13		1	2.53	100	7.10	1.77	0.107	0.107	0.000	-0.001	12/27/2018	16:13
22	J6505-15		1	2.52	100	7.25	2.31	0.050	0.050	0.000	-0.001	12/27/2018	16:14
23	J6505-17		1	2.51	100	7.45	2.08	0.008	0.010	0.002	0.002	12/27/2018	16:14
24	CCV3	0.5	1	100	100		1.95	0.000	0.392	0.392	0.507	12/27/2018	16:15
25	CCB3		1	100	100		1.80	0.000	0.000	0.000	-0.001	12/27/2018	16:15