



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100978

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71910
Calibration Std. hexchrome 0.05 ppm	WP71909
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71912
Calibratation STD Hexa Chrome 0.5 PPM	WP71911
calibration std. hexchrome 0.01 ppm	WP71907
calibration std. hexchrome 0 ppm	WP71906
Hexavalent Chromium ICV Std.	WP71913
Hexavalent Chromium CCV Std	WP71914
HEX LOD STD, 0.005PPM	WP71917
HEX LOQ STD, 0.02PPM	WP71918
Calibration std Hexachrome, 0.025ppm	WP71908

Intercept: 0.0005

Slope: 0.7723

Regression: 0.99995

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		2.33	0.000	0.000	0.000	02/22/2019	13:30
2	CAL2	0.01	1	100	100		2.08	0.000	0.007	0.007	02/22/2019	13:30
3	CAL3	0.025	1	100	100		1.60	0.000	0.017	0.017	02/22/2019	13:31
4	CAL4	0.05	1	100	100		1.93	0.000	0.039	0.039	02/22/2019	13:31
5	CAL5	0.1	1	100	100		2.20	0.000	0.080	0.080	02/22/2019	13:32
6	CAL6	0.5	1	100	100		2.33	0.000	0.392	0.392	02/22/2019	13:32
7	CAL7	1	1	100	100		1.88	0.000	0.770	0.770	02/22/2019	13:33



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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		1.88	0.000	0.392	0.392	0.507	02/22/2019	13:33
2	ICB		1	100	100		1.96	0.000	0.000	0.000	-0.001	02/22/2019	13:34
3	CCV1	0.5	1	100	100		2.07	0.000	0.393	0.393	0.508	02/22/2019	13:35
4	CCB1		1	100	100		2.21	0.000	0.000	0.000	-0.001	02/22/2019	13:35
5	PB117329BL		1	2.52	100	7.30	1.79	0.000	0.000	0.000	-0.001	02/22/2019	13:36
6	PB117329BS	20	1	2.50	100	7.66	1.88	0.000	0.388	0.388	0.502	02/22/2019	13:36
7	K1538-03		1	2.51	100	7.80	2.04	0.010	0.010	0.000	-0.001	02/22/2019	13:37
8	K1538-07		1	2.53	100	7.10	1.99	0.008	0.008	0.000	-0.001	02/22/2019	13:37
9	K1538-07DUP		1	2.50	100	7.23	2.06	0.009	0.009	0.000	-0.001	02/22/2019	13:38
10	K1538-07MSPre	40	2	2.55	100	7.36	2.03	0.011	0.359	0.348	0.450	02/22/2019	13:38
11	K1538-07MS2Ins	1284	40	2.51	100	7.41	1.41	0.007	0.620	0.613	0.793	02/22/2019	13:39
12	K1538-07MS3Post	40	2	2.54	100	7.55	2.41	0.013	0.363	0.350	0.453	02/22/2019	13:39
13	K1546-01		1	2.55	100	7.06	2.36	0.047	0.047	0.000	-0.001	02/22/2019	13:40
14	K1546-04		1	2.51	100	7.33	2.18	0.051	0.051	0.000	-0.001	02/22/2019	13:40
15	CCV2	0.5	1	100	100		1.64	0.000	0.393	0.393	0.508	02/22/2019	13:41
16	CCB2		1	100	100		1.58	0.000	0.000	0.000	-0.001	02/22/2019	13:41
17	K1546-07		1	2.53	100	7.54	2.04	0.028	0.028	0.000	-0.001	02/22/2019	13:42
18	K1546-10		1	2.50	100	7.22	2.25	0.023	0.028	0.005	0.006	02/22/2019	13:42
19	K1546-13		1	2.52	100	7.07	1.77	0.038	0.038	0.000	-0.001	02/22/2019	13:43
20	K1556-01		1	2.53	100	7.36	1.81	0.015	0.015	0.000	-0.001	02/22/2019	13:43
21	K1560-01		1	2.51	100	7.44	1.62	0.000	0.005	0.005	0.006	02/22/2019	13:44
22	K1560-02		1	2.54	100	7.61	2.04	0.000	0.015	0.015	0.019	02/22/2019	13:44
23	CCV3	0.5	1	100	100		2.15	0.000	0.393	0.393	0.508	02/22/2019	13:45
24	CCB3		1	100	100		2.33	0.000	0.000	0.000	-0.001	02/22/2019	13:45