



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101271

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72404
Calibratation STD Hexa Chrome 0.5 PPM	WP72403
Calibration Std. hexchrome 0.1 ppm	WP72402
Calibration Std. hexchrome 0.05 ppm	WP72401
calibration std. hexchrome 0.01 ppm	WP72399
calibration std. hexchrome 0 ppm	WP72410
Hexavalent Chromium ICV Std.	WP72405
Hexavalent Chromium CCV Std	WP72408
hexavalent chromium color reagent	WP72409
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72400
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0002

Slope: 0.7727

Regression: 0.999976

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		2.11	0.000	0.000	0.000	03/08/2019	15:00
2	CAL2	0.01	1	100	100		2.40	0.000	0.007	0.007	03/08/2019	15:00
3	CAL3	0.025	1	100	100		1.72	0.000	0.017	0.017	03/08/2019	15:01
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	03/08/2019	15:01
5	CAL5	0.1	1	100	100		2.03	0.000	0.078	0.078	03/08/2019	15:02
6	CAL6	0.5	1	100	100		2.29	0.000	0.390	0.390	03/08/2019	15:02
7	CAL7	1	1	100	100		1.66	0.000	0.771	0.771	03/08/2019	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		2.21	0.000	0.393	0.393	0.508	03/08/2019	15:03
2	ICB		1	100	100		1.64	0.000	0.000	0.000	0.000	03/08/2019	15:04
3	CCV1	0.5	1	100	100		2.23	0.000	0.393	0.393	0.508	03/08/2019	15:04
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	03/08/2019	15:05
5	PB117760BL		1	2.54	100	7.04	1.51	0.000	0.000	0.000	0.000	03/08/2019	15:05
6	PB117760BS	20	1	2.55	100	7.13	2.35	0.000	0.378	0.378	0.489	03/08/2019	15:06
7	K1693-01		1	2.51	100	7.58	1.60	0.020	0.020	0.000	0.000	03/08/2019	15:06
8	K1693-03		1	2.50	100	7.65	1.82	0.016	0.016	0.000	0.000	03/08/2019	15:07
9	K1787-01		1	2.51	100	7.77	2.03	0.021	0.025	0.004	0.005	03/08/2019	15:07
10	K1808-01		1	2.55	100	7.38	2.11	0.008	0.008	0.000	0.000	03/08/2019	15:08
11	K1809-01		1	2.51	100	7.21	1.69	0.010	0.010	0.000	0.000	03/08/2019	15:08
12	K1809-01DUP		1	2.54	100	7.16	2.28	0.012	0.012	0.000	0.000	03/08/2019	15:09
13	K1809-01MSPre	40	2	2.52	100	7.02	1.74	0.012	0.365	0.353	0.457	03/08/2019	15:09
14	K1809-01MS2Ins	1284	40	2.53	100	7.41	2.36	0.011	0.619	0.608	0.787	03/08/2019	15:10
15	CCV2	0.5	1	100	100		2.46	0.000	0.393	0.393	0.508	03/08/2019	15:10
16	CCB2		1	100	100		1.94	0.000	0.000	0.000	0.000	03/08/2019	15:11
17	K1809-01MS3Post	40	2	2.50	100	7.90	1.67	0.013	0.370	0.357	0.462	03/08/2019	15:11
18	CCV3	0.5	1	100	100		2.07	0.000	0.394	0.394	0.510	03/08/2019	15:12
19	CCB3		1	100	100		2.44	0.000	0.000	0.000	0.000	03/08/2019	15:12