



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101416

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72601
Calibratation STD Hexa Chrome 0.5 PPM	WP72600
Calibration Std. hexchrome 0.1 ppm	WP72599
Calibration Std. hexchrome 0.05 ppm	WP72598
calibration std. hexchrome 0.01 ppm	WP72608
calibration std. hexchrome 0 ppm	WP72595
Hexavalent Chromium ICV Std.	WP72602
Hexavalent Chromium CCV Std	WP72603
hexavalent chromium color reagent	WP72565
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72597
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0005

Slope: 0.7722

Regression: 0.999979

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		2.10	0.000	0.000	0.000	03/15/2019	13:30
2	CAL2	0.01	1	100	100		1.99	0.000	0.007	0.007	03/15/2019	13:30
3	CAL3	0.025	1	100	100		1.63	0.000	0.018	0.018	03/15/2019	13:31
4	CAL4	0.05	1	100	100		2.02	0.000	0.040	0.040	03/15/2019	13:31
5	CAL5	0.1	1	100	100		1.81	0.000	0.079	0.079	03/15/2019	13:32
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	03/15/2019	13:32
7	CAL7	1	1	100	100		2.20	0.000	0.771	0.771	03/15/2019	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		1.55	0.000	0.390	0.390	0.504	03/15/2019	13:33
2	ICB		1	100	100		2.39	0.000	0.000	0.000	-0.001	03/15/2019	13:34
3	CCV1	0.5	1	100	100		1.63	0.000	0.390	0.390	0.504	03/15/2019	13:34
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	-0.001	03/15/2019	13:35
5	PB117966BL		1	2.52	100	7.10	2.28	0.000	0.000	0.000	-0.001	03/15/2019	13:35
6	PB117966BS	20	1	2.51	100	7.52	2.41	0.000	0.380	0.380	0.491	03/15/2019	13:36
7	K1685-01		1	2.51	100	7.90	1.77	0.052	0.052	0.000	-0.001	03/15/2019	13:36
8	K1685-03		1	2.55	100	7.20	2.11	0.033	0.033	0.000	-0.001	03/15/2019	13:37
9	K1685-05		1	2.53	100	7.13	2.46	0.031	0.031	0.000	-0.001	03/15/2019	13:37
10	K1685-07		1	2.50	100	7.25	1.72	0.037	0.037	0.000	-0.001	03/15/2019	13:38
11	K1698-01		1	2.52	100	7.66	2.66	0.040	0.040	0.000	-0.001	03/15/2019	13:38
12	K1905-01		1	2.55	100	7.12	1.77	0.030	0.030	0.000	-0.001	03/15/2019	13:39
13	K1905-03		1	2.50	100	7.82	1.82	0.014	0.014	0.000	-0.001	03/15/2019	13:39
14	K1905-03DUP		1	2.51	100	7.60	2.29	0.015	0.015	0.000	-0.001	03/15/2019	13:40
15	CCV2	0.5	1	100	100		2.33	0.000	0.391	0.391	0.506	03/15/2019	13:40
16	CCB2		1	100	100		2.14	0.000	0.000	0.000	-0.001	03/15/2019	13:41
17	K1905-03MSPre	40	2	2.53	100	7.44	1.88	0.016	0.372	0.356	0.460	03/15/2019	13:41
18	K1905-03MS2Ins	1284	40	2.54	100	7.69	1.63	0.012	0.628	0.616	0.797	03/15/2019	13:42
19	K1905-03MS3Post	40	2	2.52	100	7.10	1.57	0.017	0.379	0.362	0.468	03/15/2019	13:42
20	K1905-05		1	2.51	100	7.70	2.26	0.011	0.013	0.002	0.002	03/15/2019	13:43
21	K1905-07		1	2.53	100	7.16	1.87	0.029	0.029	0.000	-0.001	03/15/2019	13:43
22	K1906-01		1	2.50	100	7.42	1.91	0.008	0.008	0.000	-0.001	03/15/2019	13:44
23	K1911-01		1	2.54	100	7.05	2.06	0.014	0.034	0.020	0.025	03/15/2019	13:44
24	K1911-04		1	2.55	100	7.69	1.77	0.055	0.070	0.015	0.019	03/15/2019	13:45
25	K1921-01		1	2.53	100	7.10	2.17	0.064	0.064	0.000	-0.001	03/15/2019	13:45
26	CCV3	0.5	1	100	100		1.56	0.000	0.391	0.391	0.506	03/15/2019	13:46
27	CCB3		1	100	100		2.03	0.000	0.000	0.000	-0.001	03/15/2019	13:46