

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91550

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59594
Calibration Std. hexchrome 0.05 ppm	WP59593
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59596
Calibratation STD Hexa Chrome 0.5 PPM	WP59595
calibration std. hexchrome 0.01 ppm	WP59591
calibration std. hexchrome 0 ppm	WP59590
Hexavalent Chromium ICV Std.	WP59597
Hexavalent Chromium CCV Std	WP59598
hexavalent chromium color reagent	WP59589
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59592

Intercept: 0.0001

Slope: 0.7736

Regression: 0.999995

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		2.20	0.000	0.000	0.000	11/13/2017	14:00
2	CAL2	0.01	1	100	100		2.35	0.000	0.007	0.007	11/13/2017	14:00
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	11/13/2017	14:01
4	CAL4	0.05	1	100	100		2.04	0.000	0.038	0.038	11/13/2017	14:01
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	11/13/2017	14:02
6	CAL6	0.5	1	100	100		2.44	0.000	0.388	0.388	11/13/2017	14:02
7	CAL7	1	1	100	100		1.63	0.000	0.773	0.773	11/13/2017	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		2.10	0.000	0.389	0.389	0.503	11/13/2017	14:03
2	ICB		1	100	100		1.82	0.000	0.000	0.000	0.000	11/13/2017	14:04
3	CCV1	0.5	1	100	100		2.41	0.000	0.391	0.391	0.505	11/13/2017	14:04
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	0.000	11/13/2017	14:05
5	PB104207BL		1	2.55	100	7.41	1.78	0.000	0.000	0.000	0.000	11/13/2017	14:05
6	PB104207BS	20	1	2.54	100	7.03	1.65	0.000	0.374	0.374	0.483	11/13/2017	14:06
7	I6299-03		1	2.55	100	7.80	2.37	0.017	0.017	0.000	0.000	11/13/2017	14:06
8	I6389-01		1	2.51	100	7.55	1.98	0.019	0.024	0.005	0.006	11/13/2017	14:06
9	I6389-03		1	2.50	100	7.26	2.20	0.017	0.025	0.008	0.010	11/13/2017	14:07
10	I6389-05		1	2.53	100	7.33	1.57	0.008	0.016	0.008	0.010	11/13/2017	14:07
11	I6389-07		1	2.54	100	7.70	1.73	0.032	0.033	0.001	0.001	11/13/2017	14:08
12	I6389-09		1	2.52	100	7.62	2.21	0.047	0.047	0.000	0.000	11/13/2017	14:08
13	I6389-11		1	2.51	100	7.57	2.13	0.071	0.071	0.000	0.000	11/13/2017	14:09
14	I6389-13		1	2.50	100	7.91	2.25	0.034	0.034	0.000	0.000	11/13/2017	14:09
15	CCV2	0.5	1	100	100		1.78	0.000	0.391	0.391	0.505	11/13/2017	14:10
16	CCB2		1	100	100		1.72	0.000	0.000	0.000	0.000	11/13/2017	14:10
17	I6389-15		1	2.52	100	7.38	2.33	0.065	0.065	0.000	0.000	11/13/2017	14:11
18	I6389-17		1	2.55	100	7.57	2.15	0.016	0.016	0.000	0.000	11/13/2017	14:11
19	I6389-19		1	2.53	100	7.64	1.60	0.019	0.020	0.001	0.001	11/13/2017	14:12
20	I6390-01		1	2.54	100	7.55	2.01	0.076	0.076	0.000	0.000	11/13/2017	14:12
21	I6390-03		1	2.50	100	7.62	1.98	0.012	0.012	0.000	0.000	11/13/2017	14:13
22	I6390-03DUP		1	2.51	100	7.51	1.76	0.011	0.011	0.000	0.000	11/13/2017	14:13
23	I6390-03MSPre	40	2	2.53	100	7.48	2.08	0.014	0.361	0.347	0.448	11/13/2017	14:14
24	I6390-03MS2Ins	1284	40	2.55	100	7.76	2.12	0.013	0.620	0.607	0.785	11/13/2017	14:14
25	I6390-03MS3Post	40	2	2.50	100	7.44	1.75	0.016	0.368	0.352	0.455	11/13/2017	14:15
26	I6407-01		1	2.50	100	7.36	1.62	0.017	0.017	0.000	0.000	11/13/2017	14:15
27	CCV3	0.5	1	100	100		2.08	0.000	0.391	0.391	0.505	11/13/2017	14:16
28	CCB3		1	100	100		2.17	0.000	0.000	0.000	0.000	11/13/2017	14:16
29	I6407-04		1	2.52	100	7.54	2.23	0.024	0.024	0.000	0.000	11/13/2017	14:17
30	I6407-06		1	2.53	100	7.69	1.89	0.031	0.033	0.002	0.002	11/13/2017	14:17
31	I6409-01		1	2.50	100	7.50	1.74	0.029	0.030	0.001	0.001	11/13/2017	14:18
32	I6409-03		1	2.55	100	7.33	2.30	0.016	0.016	0.000	0.000	11/13/2017	14:18
33	CCV4	0.5	1	100	100		2.28	0.000	0.392	0.392	0.507	11/13/2017	14:19
34	CCB4		1	100	100		1.84	0.000	0.000	0.000	0.000	11/13/2017	14:19