

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87682

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55180
Calibration Std. hexchrome 0.05 ppm	WP55179
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP55182
Calibratation STD Hexa Chrome 0.5 PPM	WP55181
calibration std. hexchrome 0.01 ppm	WP55177
calibration std. hexchrome 0 ppm	WP55172
Hexavalent Chromium ICV Std.	WP55183
Hexavalent Chromium CCV Std	WP55184
hexavalent chromium color reagent	WP55164
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55178

Intercept: 0.0004

Slope: 0.7787

Regression: 0.999944

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		2.41	0.000	0.000	0.000	05/24/2017	11:20
2	CAL2	0.01	1	100	100		2.13	0.000	0.008	0.008	05/24/2017	11:20
3	CAL3	0.025	1	100	100		1.93	0.000	0.017	0.017	05/24/2017	11:21
4	CAL4	0.05	1	100	100		2.35	0.000	0.039	0.039	05/24/2017	11:21
5	CAL5	0.1	1	100	100		1.77	0.000	0.079	0.079	05/24/2017	11:22
6	CAL6	0.5	1	100	100		1.82	0.000	0.396	0.396	05/24/2017	11:22
7	CAL7	1	1	100	100		2.04	0.000	0.776	0.776	05/24/2017	11:23



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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		2.35	0.000	0.389	0.389	0.499	05/24/2017	11:23
2	ICB		1	100	100		1.57	0.000	0.000	0.000	-0.001	05/24/2017	11:24
3	CCV1	0.5	1	100	100		2.25	0.000	0.391	0.391	0.502	05/24/2017	15:05
4	CCB1		1	100	100		2.48	0.000	0.000	0.000	-0.001	05/24/2017	15:06
5	PB99254BL		1	2.50	100	7.50	1.74	0.000	0.000	0.000	-0.001	05/24/2017	15:06
6	PB99254BS	20	1	2.51	100	7.13	2.22	0.000	0.359	0.359	0.461	05/24/2017	15:06
7	I3281-06		1	2.54	100	7.24	2.48	0.064	0.066	0.002	0.002	05/24/2017	15:07
8	I3281-06DUP		1	2.53	100	7.14	2.19	0.063	0.065	0.002	0.002	05/24/2017	15:07
9	I3281-07Pre	40	2	2.52	100	7.46	2.32	0.074	0.089	0.015	0.019	05/24/2017	15:08
10	I3281-072Ins	1284	40	2.53	100	7.16	2.48	0.070	0.668	0.598	0.767	05/24/2017	15:08
11	I3281-073Post	40	2	2.50	100	7.77	1.76	0.075	0.102	0.027	0.034	05/24/2017	15:09
12	I3281-08	40	2	2.55	100	7.01	1.90	0.075	0.088	0.013	0.016	05/24/2017	15:09
13	I3281-09		1	2.50	100	7.08	1.56	0.074	0.075	0.001	0.001	05/24/2017	15:10
14	I3281-10		1	2.51	100	7.23	2.08	0.052	0.052	0.000	-0.001	05/24/2017	15:10
15	CCV2	0.5	1	100	100		2.33	0.000	0.391	0.391	0.502	05/24/2017	15:11
16	CCB2		1	100	100		2.39	0.000	0.000	0.000	-0.001	05/24/2017	15:11
17	I3281-11		1	2.52	100	7.64	1.66	0.092	0.092	0.000	-0.001	05/24/2017	15:12
18	I3281-12		1	2.51	100	7.16	1.90	0.053	0.053	0.000	-0.001	05/24/2017	15:12
19	I3281-13		1	2.55	100	7.79	2.10	0.128	0.128	0.000	-0.001	05/24/2017	15:13
20	I3281-14		1	2.50	100	7.85	2.23	0.034	0.034	0.000	-0.001	05/24/2017	15:13
21	I3281-15		1	2.52	100	7.34	1.75	0.059	0.059	0.000	-0.001	05/24/2017	15:14
22	I3281-16		1	2.51	100	7.23	1.93	0.074	0.075	0.001	0.001	05/24/2017	15:14
23	I3281-17		1	2.50	100	7.40	1.84	0.030	0.030	0.000	-0.001	05/24/2017	15:15
24	I3281-18		1	2.54	100	7.32	2.12	0.059	0.059	0.000	-0.001	05/24/2017	15:15
25	I3281-19		1	2.55	100	7.25	2.48	0.032	0.032	0.000	-0.001	05/24/2017	15:16
26	I3281-20		1	2.53	100	7.61	2.25	0.004	0.005	0.001	0.001	05/24/2017	15:16
27	CCV3	0.5	1	100	100		1.74	0.000	0.392	0.392	0.503	05/24/2017	15:17
28	CCB3		1	100	100		1.83	0.000	0.000	0.000	-0.001	05/24/2017	15:17
29	I3281-21		1	2.55	100	7.34	1.73	0.099	0.099	0.000	-0.001	05/24/2017	15:18
30	I3310-01		1	2.52	100	7.39	2.14	0.048	0.055	0.007	0.008	05/24/2017	15:18
31	CCV4	0.5	1	100	100		2.03	0.000	0.392	0.392	0.503	05/24/2017	15:19
32	CCB4		1	100	100		2.09	0.000	0.000	0.000	-0.001	05/24/2017	15:19