

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87669

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		1.66	0.000	0.391	0.391	0.502	05/24/2017	11:24
4	CCB1		1	100	100		2.42	0.000	0.000	0.000	-0.001	05/24/2017	11:25
5	PB99242BL		1	2.50	100	7.16	2.31	0.000	0.000	0.000	-0.001	05/24/2017	11:25
6	PB99242BS	20	1	2.51	100	7.23	2.27	0.000	0.365	0.365	0.468	05/24/2017	11:26
7	I3243-01		1	2.50	100	7.80	2.19	0.005	0.005	0.000	-0.001	05/24/2017	11:26
8	I3243-06		1	2.51	100	7.54	2.23	0.006	0.015	0.009	0.011	05/24/2017	11:27
9	I3250-01		1	2.52	100	7.40	2.04	0.007	0.007	0.000	-0.001	05/24/2017	11:27
10	I3261-01		1	2.50	100	7.63	2.01	0.074	0.074	0.000	-0.001	05/24/2017	11:28
11	I3281-01		1	2.52	100	7.38	1.96	0.059	0.060	0.001	0.001	05/24/2017	11:28
12	I3281-01DUP		1	2.54	100	7.20	1.74	0.061	0.062	0.001	0.001	05/24/2017	11:29
13	I3281-02Pre	40	2	2.51	100	7.91	2.41	0.065	0.107	0.042	0.053	05/24/2017	11:29
14	I3281-022Ins	1284	40	2.50	100	7.44	2.38	0.066	0.634	0.568	0.729	05/24/2017	11:30
15	CCV2	0.5	1	100	100		2.22	0.000	0.391	0.391	0.502	05/24/2017	11:30
16	CCB2		1	100	100		2.09	0.000	0.000	0.000	-0.001	05/24/2017	11:31
17	I3281-023Post	40	2	2.52	100	7.20	1.66	0.068	0.189	0.121	0.155	05/24/2017	11:31
18	I3281-03	40	2	2.53	100	7.28	2.30	0.067	0.109	0.042	0.053	05/24/2017	11:32
19	I3281-04		1	2.52	100	7.45	2.25	0.055	0.056	0.001	0.001	05/24/2017	11:32
20	I3281-05		1	2.51	100	7.31	1.56	0.063	0.063	0.000	-0.001	05/24/2017	11:33
21	I3290-01		1	2.50	100	7.14	1.78	0.020	0.020	0.000	-0.001	05/24/2017	11:33
22	I3290-06		1	2.55	100	7.38	2.01	0.008	0.009	0.001	0.001	05/24/2017	11:34
23	CCV3	0.5	1	100	100		2.48	0.000	0.392	0.392	0.503	05/24/2017	11:34
24	CCB3		1	100	100		2.24	0.000	0.000	0.000	-0.001	05/24/2017	11:35