

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90007

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57834
Calibration Std. hexchrome 0.05 ppm	WP57833
Hexavalent Chromium LCS Std	WP57839
Calibratation STD HexaChrome 1 PPM	WP57836
Calibratation STD Hexa Chrome 0.5 PPM	WP57835
calibration std. hexchrome 0.01 ppm	WP57831
calibration std. hexchrome 0 ppm	WP57830
Hexavalent Chromium ICV Std.	WP57837
Hexavalent Chromium CCV Std	WP57838
hexavalent chromium color reagent	WP57799
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57832

Intercept: 0.0004

Slope: 0.7782

Regression: 0.999928

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		2.12	0.000	0.000	0.000	09/11/2017	11:10
2	CAL2	0.01	1	100	100		1.63	0.000	0.008	0.008	09/11/2017	11:10
3	CAL3	0.025	1	100	100		2.22	0.000	0.018	0.018	09/11/2017	11:11
4	CAL4	0.05	1	100	100		2.36	0.000	0.039	0.039	09/11/2017	11:11
5	CAL5	0.1	1	100	100		1.88	0.000	0.077	0.077	09/11/2017	11:12
6	CAL6	0.5	1	100	100		2.05	0.000	0.397	0.397	09/11/2017	11:12
7	CAL7	1	1	100	100		1.72	0.000	0.775	0.775	09/11/2017	11:13



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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		2.30	0.000	0.389	0.389	0.499	09/11/2017	11:13
2	ICB		1	100	100		1.55	0.000	0.000	0.000	-0.001	09/11/2017	11:14
3	CCV1	0.5	1	100	100		1.69	0.000	0.392	0.392	0.503	09/11/2017	16:57
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	-0.001	09/11/2017	16:57
5	PB102247BL		1	2.51	100	7.04	2.40	0.000	0.000	0.000	-0.001	09/11/2017	16:58
6	PB102247BS	20	1	2.52	100	7.46	2.16	0.000	0.382	0.382	0.490	09/11/2017	16:58
7	I5159-01		1	2.53	100	7.80	1.59	0.039	0.041	0.002	0.002	09/11/2017	16:59
8	I5159-02		1	2.50	100	7.36	1.62	0.054	0.054	0.000	-0.001	09/11/2017	16:59
9	I5159-03		1	2.51	100	7.91	2.05	0.041	0.041	0.000	-0.001	09/11/2017	17:00
10	I5159-04		1	2.54	100	7.45	2.17	0.023	0.023	0.000	-0.001	09/11/2017	17:00
11	I5159-05		1	2.50	100	7.33	1.88	0.015	0.015	0.000	-0.001	09/11/2017	17:01
12	I5159-06		1	2.52	100	7.64	1.56	0.051	0.051	0.000	-0.001	09/11/2017	17:01
13	I5159-07		1	2.53	100	7.41	2.20	0.042	0.042	0.000	-0.001	09/11/2017	17:02
14	I5159-08		1	2.51	100	7.32	2.44	0.039	0.039	0.000	-0.001	09/11/2017	17:02
15	CCV2	0.5	1	100	100		1.62	0.000	0.392	0.392	0.503	09/11/2017	17:03
16	CCB2		1	100	100		2.30	0.000	0.000	0.000	-0.001	09/11/2017	17:03
17	I5159-09		1	2.50	100	7.21	2.25	0.013	0.013	0.000	-0.001	09/11/2017	17:04
18	I5159-10		1	2.53	100	7.39	1.87	0.015	0.015	0.000	-0.001	09/11/2017	17:04
19	I5159-11		1	2.52	100	7.92	1.80	0.041	0.041	0.000	-0.001	09/11/2017	17:05
20	I5188-01		1	2.50	100	7.08	2.46	0.033	0.033	0.000	-0.001	09/11/2017	17:05
21	I5188-03		1	2.54	100	7.11	2.31	0.007	0.007	0.000	-0.001	09/11/2017	17:06
22	I5188-05		1	2.51	100	7.05	1.57	0.012	0.012	0.000	-0.001	09/11/2017	17:07
23	I5188-05DUP		1	2.50	100	7.16	2.07	0.011	0.011	0.000	-0.001	09/11/2017	17:07
24	I5188-05MSPre	40	2	2.51	100	7.35	1.94	0.015	0.377	0.362	0.465	09/11/2017	17:08
25	I5188-05MS2Ins	1284	40	2.50	100	7.12	2.12	0.000	0.639	0.639	0.821	09/11/2017	17:08
26	I5188-05MS3Post	40	2	2.53	100	7.66	2.13	0.016	0.379	0.363	0.466	09/11/2017	17:09
27	CCV3	0.5	1	100	100		1.66	0.000	0.393	0.393	0.504	09/11/2017	17:09
28	CCB3		1	100	100		1.78	0.000	0.000	0.000	-0.001	09/11/2017	17:10
29	I5188-07		1	2.50	100	7.82	2.09	0.090	0.091	0.001	0.001	09/11/2017	17:10
30	I5188-09		1	2.55	100	7.77	2.22	0.025	0.025	0.000	-0.001	09/11/2017	17:11
31	I5188-11		1	2.51	100	7.46	1.83	0.020	0.020	0.000	-0.001	09/11/2017	17:11
32	CCV4	0.5	1	100	100		2.09	0.000	0.393	0.393	0.504	09/11/2017	17:12
33	CCB4		1	100	100		2.44	0.000	0.000	0.000	-0.001	09/11/2017	17:12