

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97999

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67883
Calibration Std. hexchrome 0.05 ppm	WP67882
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67885
Calibratation STD Hexa Chrome 0.5 PPM	WP67884
calibration std. hexchrome 0.01 ppm	WP67880
calibration std. hexchrome 0 ppm	WP67879
Hexavalent Chromium ICV Std.	WP67886
Hexavalent Chromium CCV Std	WP67887
hexavalent chromium color reagent	WP67819
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67881

Intercept: 0.0004

Slope: 0.7715

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	09/18/2018	14:00
2	CAL2	0.01	1	100	100		1.63	0.000	0.008	0.008	09/18/2018	14:00
3	CAL3	0.025	1	100	100		2.45	0.000	0.018	0.018	09/18/2018	14:01
4	CAL4	0.05	1	100	100		2.31	0.000	0.039	0.039	09/18/2018	14:01
5	CAL5	0.1	1	100	100		1.78	0.000	0.078	0.078	09/18/2018	14:02
6	CAL6	0.5	1	100	100		1.94	0.000	0.390	0.390	09/18/2018	14:02
7	CAL7	1	1	100	100		1.64	0.000	0.770	0.770	09/18/2018	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		2.14	0.000	0.390	0.390	0.505	09/18/2018	14:03
2	ICB		1	100	100		1.59	0.000	0.000	0.000	-0.001	09/18/2018	14:04
3	CCV1	0.5	1	100	100		1.76	0.000	0.391	0.391	0.506	09/18/2018	14:04
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	-0.001	09/18/2018	14:05
5	PB112987BL		1	2.54	100	7.33	2.35	0.000	0.000	0.000	-0.001	09/18/2018	14:05
6	PB112987BS	20	1	2.52	100	7.05	1.61	0.000	0.382	0.382	0.495	09/18/2018	14:06
7	J4772-01		1	2.50	100	7.88	1.83	0.014	0.014	0.000	-0.001	09/18/2018	14:06
8	J4944-01		1	2.51	100	7.60	2.27	0.033	0.033	0.000	-0.001	09/18/2018	14:07
9	J4945-01		1	2.53	100	7.43	1.98	0.739	0.740	0.001	0.001	09/18/2018	14:07
10	J4946-01		1	2.50	100	7.51	2.04	0.110	0.110	0.000	-0.001	09/18/2018	14:08
11	J4947-01		1	2.55	100	7.10	2.35	0.340	0.340	0.000	-0.001	09/18/2018	14:08
12	J4948-01		1	2.54	100	7.24	1.71	0.010	0.010	0.000	-0.001	09/18/2018	14:09
13	J4949-01		1	2.51	100	7.30	1.89	0.155	0.155	0.000	-0.001	09/18/2018	14:09
14	J4950-01		1	2.51	100	7.25	2.10	0.009	0.009	0.000	-0.001	09/18/2018	14:10
15	CCV2	0.5	1	100	100		1.65	0.000	0.391	0.391	0.506	09/18/2018	14:10
16	CCB2		1	100	100		2.40	0.000	0.000	0.000	-0.001	09/18/2018	14:11
17	J4950-01DUP		1	2.55	100	7.36	2.22	0.008	0.008	0.000	-0.001	09/18/2018	14:11
18	J4950-01MSPre	40	2	2.53	100	7.17	2.09	0.011	0.358	0.347	0.449	09/18/2018	14:12
19	J4950-01MS2Ins	1284	40	2.53	100	7.81	1.87	0.007	0.590	0.583	0.755	09/18/2018	14:12
20	J4950-01MS3Post	40	2	2.53	100	7.66	2.20	0.012	0.360	0.348	0.451	09/18/2018	14:13
21	J4951-01		1	2.50	100	7.42	1.93	0.023	0.024	0.001	0.001	09/18/2018	14:13
22	J4952-01		1	2.53	100	7.58	2.01	0.031	0.031	0.000	-0.001	09/18/2018	14:14
23	J4960-01		1	2.54	100	7.91	2.44	0.068	0.068	0.000	-0.001	09/18/2018	14:14
24	J4962-01		1	2.55	100	7.77	1.83	0.005	0.005	0.000	-0.001	09/18/2018	14:15
25	CCV3	0.5	1	100	100		2.08	0.000	0.391	0.391	0.506	09/18/2018	14:15
26	CCB3		1	100	100		2.35	0.000	0.000	0.000	-0.001	09/18/2018	14:16