

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94563

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63657
Calibration Std. hexchrome 0.05 ppm	WP63656
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63659
Calibratation STD Hexa Chrome 0.5 PPM	WP63658
calibration std. hexchrome 0.01 ppm	WP63654
calibration std. hexchrome 0 ppm	WP63653
Hexavalent Chromium ICV Std.	WP63660
Hexavalent Chromium CCV Std	WP63661
hexavalent chromium color reagent	WP63480
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63655

Intercept: 0.0005

Slope: 0.767

Regression: 0.999961

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		2.33	0.000	0.000	0.000	04/12/2018	13:30
2	CAL2	0.01	1	100	100		1.60	0.000	0.008	0.008	04/12/2018	13:30
3	CAL3	0.025	1	100	100		1.57	0.000	0.017	0.017	04/12/2018	13:31
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	04/12/2018	13:31
5	CAL5	0.1	1	100	100		2.45	0.000	0.078	0.078	04/12/2018	13:32
6	CAL6	0.5	1	100	100		1.78	0.000	0.389	0.389	04/12/2018	13:32
7	CAL7	1	1	100	100		1.90	0.000	0.765	0.765	04/12/2018	13:33



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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		2.03	0.000	0.390	0.390	0.508	04/12/2018	13:33
2	ICB		1	100	100		2.15	0.000	0.000	0.000	-0.001	04/12/2018	13:34
3	CCV1	0.5	1	100	100		1.78	0.000	0.390	0.390	0.508	04/12/2018	13:34
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	-0.001	04/12/2018	13:35
5	PB108195BL		1	2.52	100	7.63	2.21	0.000	0.000	0.000	-0.001	04/12/2018	13:35
6	PB108195BS	20	1	2.50	100	7.41	1.89	0.000	0.357	0.357	0.465	04/12/2018	13:36
7	J2162-01		1	2.51	100	7.22	2.41	0.057	0.057	0.000	-0.001	04/12/2018	13:36
8	J2162-01DUP		1	2.54	100	7.69	2.37	0.056	0.056	0.000	-0.001	04/12/2018	13:37
9	J2162-01MSPre	40	2	2.53	100	7.90	1.66	0.060	0.196	0.136	0.177	04/12/2018	13:37
10	J2162-01MS2Ins	1284	40	2.55	100	7.23	1.98	0.054	0.610	0.556	0.724	04/12/2018	13:38
11	J2162-01MS3Post	40	2	2.54	100	7.55	2.21	0.063	0.208	0.145	0.188	04/12/2018	13:38
12	J2162-03		1	2.55	100	7.14	2.33	0.028	0.028	0.000	-0.001	04/12/2018	13:39
13	J2162-05		1	2.50	100	7.63	2.47	0.013	0.013	0.000	-0.001	04/12/2018	13:39
14	J2163-01		1	2.51	100	7.28	1.73	0.017	0.017	0.000	-0.001	04/12/2018	13:40
15	CCV2	0.5	1	100	100		1.80	0.000	0.391	0.391	0.509	04/12/2018	13:40
16	CCB2		1	100	100		1.95	0.000	0.000	0.000	-0.001	04/12/2018	13:41
17	J2163-03		1	2.52	100	7.20	2.04	0.048	0.048	0.000	-0.001	04/12/2018	13:41
18	J2163-05		1	2.53	100	7.11	2.36	0.020	0.020	0.000	-0.001	04/12/2018	13:42
19	J2163-07		1	2.51	100	7.17	1.87	0.016	0.016	0.000	-0.001	04/12/2018	13:42
20	J2335-01		1	2.50	100	7.90	1.53	0.029	0.029	0.000	-0.001	04/12/2018	13:43
21	J2335-03		1	2.53	100	7.56	2.18	0.031	0.031	0.000	-0.001	04/12/2018	13:43
22	J2335-05		1	2.54	100	7.44	2.31	0.027	0.027	0.000	-0.001	04/12/2018	13:44
23	PB108194BL		1	2.52	100	7.20	1.69	0.000	0.000	0.000	-0.001	04/12/2018	13:44
24	PB108194BS	20	1	2.55	100	7.96	2.20	0.000	0.369	0.369	0.480	04/12/2018	13:45
25	J2161-01		1	2.52	100	7.33	2.35	0.017	0.017	0.000	-0.001	04/12/2018	13:45
26	J2161-03		1	2.50	100	7.41	1.81	0.025	0.025	0.000	-0.001	04/12/2018	13:46
27	CCV3	0.5	1	100	100		1.73	0.000	0.391	0.391	0.509	04/12/2018	13:46
28	CCB3		1	100	100		2.44	0.000	0.000	0.000	-0.001	04/12/2018	13:47
29	J2165-03		1	2.51	100	7.33	2.20	0.028	0.028	0.000	-0.001	04/12/2018	13:47
30	J2325-01		1	2.55	100	7.21	1.78	0.015	0.015	0.000	-0.001	04/12/2018	13:48
31	J2325-03		1	2.50	100	7.27	1.55	0.007	0.007	0.000	-0.001	04/12/2018	13:48
32	J2325-03DUP		1	2.51	100	7.86	2.04	0.008	0.008	0.000	-0.001	04/12/2018	13:49
33	J2325-03MSPre	40	2	2.53	100	7.34	1.63	0.009	0.352	0.343	0.447	04/12/2018	13:49
34	J2325-03MS2Ins	1284	40	2.50	100	7.45	1.95	0.006	0.623	0.617	0.804	04/12/2018	13:50
35	J2325-03MS3Post	40	2	2.51	100	7.20	2.18	0.010	0.356	0.346	0.450	04/12/2018	13:50
36	CCV4	0.5	1	100	100		2.30	0.000	0.391	0.391	0.509	04/12/2018	13:51
37	CCB4		1	100	100		1.77	0.000	0.000	0.000	-0.001	04/12/2018	13:51