

Alytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97218

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66914
Calibration Std. hexchrome 0.05 ppm	WP66913
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66916
Calibratation STD Hexa Chrome 0.5 PPM	WP66915
calibration std. hexchrome 0.01 ppm	WP66911
calibration std. hexchrome 0 ppm	WP66908
Hexavalent Chromium ICV Std.	WP66917
Hexavalent Chromium CCV Std	WP66918
hexavalent chromium color reagent	WP66728
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66912

Intercept: 0.0006

Slope: 0.7688

Regression: 0.999966

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		1.86	0.000	0.000	0.000	08/10/2018	12:00
2	CAL2	0.01	1	100	100		2.15	0.000	0.008	0.008	08/10/2018	12:00
3	CAL3	0.025	1	100	100		2.21	0.000	0.018	0.018	08/10/2018	12:01
4	CAL4	0.05	1	100	100		1.90	0.000	0.039	0.039	08/10/2018	12:01
5	CAL5	0.1	1	100	100		1.54	0.000	0.078	0.078	08/10/2018	12:02
6	CAL6	0.5	1	100	100		2.13	0.000	0.390	0.390	08/10/2018	12:02
7	CAL7	1	1	100	100		1.77	0.000	0.767	0.767	08/10/2018	12:03



Analytical Summary Report

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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		1.82	0.000	0.393	0.393	0.510	08/10/2018	12:03
2	ICB		1	100	100		2.07	0.000	0.000	0.000	-0.001	08/10/2018	12:04
3	CCV1	0.5	1	100	100		2.36	0.000	0.393	0.393	0.510	08/10/2018	12:04
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	-0.001	08/10/2018	12:05
5	PB111944BL		1	2.51	100	7.36	1.56	0.000	0.000	0.000	-0.001	08/10/2018	12:05
6	PB111944BS	20	1	2.50	100	7.12	1.93	0.000	0.385	0.385	0.500	08/10/2018	12:06
7	J4272-01		1	2.52	100	7.05	2.10	0.030	0.030	0.000	-0.001	08/10/2018	12:06
8	J4272-03		1	2.53	100	7.44	2.43	0.026	0.026	0.000	-0.001	08/10/2018	12:07
9	J4272-05		1	2.50	100	7.19	1.65	0.029	0.029	0.000	-0.001	08/10/2018	12:08
10	J4272-07		1	2.55	100	7.20	2.07	0.024	0.024	0.000	-0.001	08/10/2018	12:08
11	J4272-09		1	2.51	100	7.19	1.69	0.012	0.012	0.000	-0.001	08/10/2018	12:09
12	J4272-09DUP		1	2.54	100	7.22	2.38	0.010	0.010	0.000	-0.001	08/10/2018	12:09
13	J4272-09MSPre	40	2	2.53	100	7.60	2.21	0.013	0.365	0.352	0.457	08/10/2018	12:10
14	J4272-09MS2Ins	1284	40	2.53	100	7.19	1.77	0.009	0.603	0.594	0.772	08/10/2018	12:10
15	CCV2	0.5	1	100	100		2.44	0.000	0.393	0.393	0.510	08/10/2018	12:11
16	CCB2		1	100	100		1.54	0.000	0.000	0.000	-0.001	08/10/2018	12:11
17	J4272-09MS3Post	40	2	2.53	100	7.33	1.61	0.013	0.369	0.356	0.462	08/10/2018	12:12
18	J4272-11		1	2.54	100	7.10	1.87	0.018	0.018	0.000	-0.001	08/10/2018	12:12
19	J4272-13		1	2.51	100	7.30	2.06	0.015	0.015	0.000	-0.001	08/10/2018	12:13
20	J4272-15		1	2.55	100	7.69	2.03	0.013	0.013	0.000	-0.001	08/10/2018	12:13
21	J4272-17		1	2.50	100	7.05	2.18	0.019	0.019	0.000	-0.001	08/10/2018	12:14
22	J4272-19		1	2.54	100	7.18	2.35	0.021	0.021	0.000	-0.001	08/10/2018	12:14
23	J4272-21		1	2.53	100	7.33	2.46	0.014	0.014	0.000	-0.001	08/10/2018	12:15
24	PB111945BL		1	2.52	100	7.40	1.79	0.000	0.000	0.000	-0.001	08/10/2018	12:15
25	PB111945BS	20	1	2.54	100	7.66	1.96	0.000	0.378	0.378	0.491	08/10/2018	12:16
26	J4274-01		1	2.55	100	7.19	2.07	0.015	0.015	0.000	-0.001	08/10/2018	12:16
27	CCV3	0.5	1	100	100		1.73	0.000	0.394	0.394	0.512	08/10/2018	12:17
28	CCB3		1	100	100		2.47	0.000	0.000	0.000	-0.001	08/10/2018	12:17
29	J4274-01DUP		1	2.51	100	7.81	2.32	0.014	0.014	0.000	-0.001	08/10/2018	12:18
30	J4274-01MSPre	40	2	2.50	100	7.52	1.77	0.016	0.357	0.341	0.443	08/10/2018	12:18
31	J4274-01MS2Ins	1284	40	2.50	100	7.14	1.83	0.011	0.595	0.584	0.759	08/10/2018	12:18
32	J4274-01MS3Post	40	2	2.50	100	7.30	2.19	0.017	0.360	0.343	0.445	08/10/2018	12:19
33	J4282-01		1	2.52	100	7.77	2.60	0.029	0.029	0.000	-0.001	08/10/2018	12:19
34	J4282-03		1	2.51	100	7.82	1.79	0.038	0.038	0.000	-0.001	08/10/2018	12:20
35	J4405-01		1	2.55	100	7.44	2.08	0.008	0.008	0.000	-0.001	08/10/2018	12:20
36	CCV4	0.5	1	100	100		2.37	0.000	0.394	0.394	0.512	08/10/2018	12:21
37	CCB4		1	100	100		2.30	0.000	0.000	0.000	-0.001	08/10/2018	12:21