

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97282

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67005
Calibration Std. hexchrome 0.05 ppm	WP67004
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67007
Calibratation STD Hexa Chrome 0.5 PPM	WP67006
calibration std. hexchrome 0.01 ppm	WP67002
calibration std. hexchrome 0 ppm	WP67001
Hexavalent Chromium ICV Std.	WP67008
Hexavalent Chromium CCV Std	WP67009
hexavalent chromium color reagent	WP66955
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67003

Intercept: 0.0003

Slope: 0.7698

Regression: 0.999971

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	08/14/2018	14:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	08/14/2018	14:00
3	CAL3	0.025	1	100	100		1.53	0.000	0.017	0.017	08/14/2018	14:01
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	08/14/2018	14:01
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	08/14/2018	14:02
6	CAL6	0.5	1	100	100		1.76	0.000	0.389	0.389	08/14/2018	14:02
7	CAL7	1	1	100	100		2.19	0.000	0.768	0.768	08/14/2018	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		1.63	0.000	0.392	0.392	0.509	08/14/2018	14:03
2	ICB		1	100	100		2.45	0.000	0.000	0.000	0.000	08/14/2018	14:04
3	CCV1	0.5	1	100	100		1.66	0.000	0.392	0.392	0.509	08/14/2018	14:04
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	08/14/2018	14:05
5	PB112033BL		1	2.52	100	7.23	2.48	0.000	0.000	0.000	0.000	08/14/2018	14:05
6	PB112033BS	20	1	2.54	100	7.55	1.89	0.000	0.370	0.370	0.480	08/14/2018	14:06
7	J4427-01		1	2.55	100	7.62	1.95	0.022	0.024	0.002	0.002	08/14/2018	14:06
8	J4442-01		1	2.54	100	7.16	2.16	0.005	0.005	0.000	0.000	08/14/2018	14:07
9	J4442-11		1	2.50	100	7.28	2.24	0.004	0.004	0.000	0.000	08/14/2018	14:07
10	J4442-21		1	2.51	100	7.30	1.84	0.024	0.024	0.000	0.000	08/14/2018	14:08
11	J4442-31		1	2.52	100	7.41	1.97	0.017	0.017	0.000	0.000	08/14/2018	14:08
12	J4442-41		1	2.51	100	7.10	2.28	0.015	0.015	0.000	0.000	08/14/2018	14:09
13	J4442-51		1	2.51	100	7.06	2.39	0.008	0.008	0.000	0.000	08/14/2018	14:09
14	J4442-51DUP		1	2.55	100	7.32	1.90	0.007	0.007	0.000	0.000	08/14/2018	14:10
15	CCV2	0.5	1	100	100		1.82	0.000	0.393	0.393	0.510	08/14/2018	14:10
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	08/14/2018	14:11
17	J4442-51MSPre	40	2	2.53	100	7.98	2.33	0.009	0.339	0.330	0.428	08/14/2018	14:11
18	J4442-51MS2Ins	1284	40	2.54	100	7.15	2.25	0.007	0.615	0.608	0.789	08/14/2018	14:12
19	J4442-51MS3Post	40	2	2.50	100	7.55	1.68	0.013	0.351	0.338	0.439	08/14/2018	14:12
20	J4443-01		1	2.55	100	7.86	1.77	0.018	0.018	0.000	0.000	08/14/2018	14:13
21	J4447-06		1	2.55	100	7.74	1.91	0.009	0.010	0.001	0.001	08/14/2018	14:13
22	J4447-16		1	2.52	100	7.43	2.17	0.015	0.016	0.001	0.001	08/14/2018	14:14
23	J4447-26		1	2.53	100	7.20	2.35	0.005	0.005	0.000	0.000	08/14/2018	14:14
24	J4447-36		1	2.50	100	7.34	2.48	0.015	0.015	0.000	0.000	08/14/2018	14:15
25	J4449-01		1	2.54	100	7.66	1.66	0.007	0.007	0.000	0.000	08/14/2018	14:15
26	J4449-02		1	2.50	100	7.18	1.52	0.006	0.006	0.000	0.000	08/14/2018	14:16
27	CCV3	0.5	1	100	100		1.97	0.000	0.393	0.393	0.510	08/14/2018	14:16
28	CCB3		1	100	100		2.09	0.000	0.000	0.000	0.000	08/14/2018	14:17