

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97370

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67107
Calibration Std. hexchrome 0.05 ppm	WP67106
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67109
Calibratation STD Hexa Chrome 0.5 PPM	WP67108
calibration std. hexchrome 0.01 ppm	WP67102
calibration std. hexchrome 0 ppm	WP67101
Hexavalent Chromium ICV Std.	WP67110
Hexavalent Chromium CCV Std	WP67111
hexavalent chromium color reagent	WP67083
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67105

Intercept: 0.0004

Slope: 0.7704

Regression: 0.999976

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		1.62	0.000	0.000	0.000	08/17/2018	13:10
2	CAL2	0.01	1	100	100		1.73	0.000	0.008	0.008	08/17/2018	13:10
3	CAL3	0.025	1	100	100		1.60	0.000	0.017	0.017	08/17/2018	13:11
4	CAL4	0.05	1	100	100		2.42	0.000	0.039	0.039	08/17/2018	13:11
5	CAL5	0.1	1	100	100		2.17	0.000	0.079	0.079	08/17/2018	13:12
6	CAL6	0.5	1	100	100		1.66	0.000	0.389	0.389	08/17/2018	13:12
7	CAL7	1	1	100	100		2.38	0.000	0.769	0.769	08/17/2018	13:13



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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		2.21	0.000	0.393	0.393	0.510	08/17/2018	13:13
2	ICB		1	100	100		2.16	0.000	0.000	0.000	-0.001	08/17/2018	13:14
3	CCV1	0.5	1	100	100		1.88	0.000	0.393	0.393	0.510	08/17/2018	13:14
4	CCB1		1	100	100		1.72	0.000	0.000	0.000	-0.001	08/17/2018	13:15
5	PB112156BL		1	2.51	100	7.23	1.58	0.000	0.000	0.000	-0.001	08/17/2018	13:15
6	PB112156BS	20	1	2.55	100	7.45	2.18	0.000	0.382	0.382	0.495	08/17/2018	13:16
7	J4509-02		1	2.50	100	7.14	2.29	0.013	0.013	0.000	-0.001	08/17/2018	13:16
8	J4516-01		1	2.51	100	7.33	2.09	0.030	0.030	0.000	-0.001	08/17/2018	13:17
9	J4521-01		1	2.55	100	7.91	1.63	0.011	0.011	0.000	-0.001	08/17/2018	13:17
10	J4521-04		1	2.52	100	7.74	2.33	0.012	0.012	0.000	-0.001	08/17/2018	13:18
11	J4521-07		1	2.50	100	7.20	2.44	0.017	0.017	0.000	-0.001	08/17/2018	13:18
12	J4521-10		1	2.52	100	7.06	1.07	0.014	0.014	0.000	-0.001	08/17/2018	13:19
13	J4521-13		1	2.54	100	7.11	2.19	0.017	0.017	0.000	-0.001	08/17/2018	13:19
14	J4521-16		1	2.51	100	7.17	1.78	0.012	0.012	0.000	-0.001	08/17/2018	13:20
15	CCV2	0.5	1	100	100		1.85	0.000	0.391	0.391	0.507	08/17/2018	13:20
16	CCB2		1	100	100		2.24	0.000	0.000	0.000	-0.001	08/17/2018	13:21
17	J4521-19		1	2.55	100	7.44	2.44	0.019	0.019	0.000	-0.001	08/17/2018	13:21
18	J4521-22		1	2.50	100	7.56	1.79	0.016	0.016	0.000	-0.001	08/17/2018	13:22
19	J4521-25		1	2.51	100	7.62	1.66	0.010	0.010	0.000	-0.001	08/17/2018	13:22
20	J4521-28		1	2.54	100	7.79	2.03	0.015	0.015	0.000	-0.001	08/17/2018	13:23
21	J4523-02		1	2.53	100	7.15	1.89	0.023	0.030	0.007	0.009	08/17/2018	13:23
22	J4531-01		1	2.50	100	7.38	1.95	0.034	0.034	0.000	-0.001	08/17/2018	13:24
23	J4531-01DUP		1	2.54	100	7.10	2.30	0.032	0.032	0.000	-0.001	08/17/2018	13:24
24	J4531-01MSPre	40	2	2.53	100	7.45	2.47	0.035	0.374	0.339	0.440	08/17/2018	13:25
25	J4531-01MS2Ins	1284	40	2.53	100	7.63	1.60	0.031	0.622	0.591	0.767	08/17/2018	13:25
26	J4531-01MS3Post	40	2	2.53	100	7.18	1.98	0.036	0.378	0.342	0.443	08/17/2018	13:26
27	CCV3	0.5	1	100	100		2.22	0.000	0.393	0.393	0.510	08/17/2018	13:26
28	CCB3		1	100	100		1.65	0.000	0.000	0.000	-0.001	08/17/2018	13:27