

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94736

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63828
Calibration Std. hexchrome 0.05 ppm	WP63827
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63830
Calibratation STD Hexa Chrome 0.5 PPM	WP63829
calibration std. hexchrome 0.01 ppm	WP63825
calibration std. hexchrome 0 ppm	WP63820
Hexavalent Chromium ICV Std.	WP63832
Hexavalent Chromium CCV Std	WP63831
hexavalent chromium color reagent	WP63707
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63826

Intercept: 0.0002

Slope: 0.7693

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		2.22	0.000	0.000	0.000	04/19/2018	13:07
2	CAL2	0.01	1	100	100		1.97	0.000	0.008	0.008	04/19/2018	13:07
3	CAL3	0.025	1	100	100		2.24	0.000	0.017	0.017	04/19/2018	13:08
4	CAL4	0.05	1	100	100		1.66	0.000	0.038	0.038	04/19/2018	13:08
5	CAL5	0.1	1	100	100		2.40	0.000	0.078	0.078	04/19/2018	13:09
6	CAL6	0.5	1	100	100		2.32	0.000	0.390	0.390	04/19/2018	13:09
7	CAL7	1	1	100	100		1.58	0.000	0.767	0.767	04/19/2018	13:10



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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		1.67	0.000	0.390	0.390	0.507	04/19/2018	13:10
2	ICB		1	100	100		1.92	0.000	0.000	0.000	0.000	04/19/2018	13:11
3	CCV1	0.5	1	100	100		2.22	0.000	0.391	0.391	0.508	04/19/2018	13:11
4	CCB1		1	100	100		2.45	0.000	0.000	0.000	0.000	04/19/2018	13:12
5	PB108402BL		1	2.50	100	7.13	1.76	0.000	0.000	0.000	0.000	04/19/2018	13:12
6	PB108402BS	20	1	2.52	100	7.89	1.80	0.000	0.375	0.375	0.487	04/19/2018	13:13
7	J2157-11		1	2.53	100	7.65	2.27	0.009	0.009	0.000	0.000	04/19/2018	13:13
8	J2165-05		1	2.52	100	7.34	1.61	0.011	0.011	0.000	0.000	04/19/2018	13:14
9	J2455-01		1	2.54	100	7.18	2.14	0.007	0.007	0.000	0.000	04/19/2018	13:14
10	J2455-11		1	2.51	100	7.28	2.32	0.005	0.005	0.000	0.000	04/19/2018	13:15
11	J2455-11DUP		1	2.54	100	7.42	1.70	0.006	0.006	0.000	0.000	04/19/2018	13:15
12	J2455-11MSPre	40	2	2.55	100	7.75	1.93	0.006	0.366	0.360	0.468	04/19/2018	13:16
13	J2455-11MS2Ins	1284	40	2.52	100	7.31	2.17	0.004	0.591	0.587	0.763	04/19/2018	13:16
14	J2455-11MS3Post	40	2	2.53	100	7.50	2.49	0.008	0.371	0.363	0.472	04/19/2018	13:17
15	CCV2	0.5	1	100	100		1.77	0.000	0.391	0.391	0.508	04/19/2018	13:17
16	CCB2		1	100	100		1.62	0.000	0.000	0.000	0.000	04/19/2018	13:18
17	J2455-21		1	2.51	100	7.12	2.13	0.018	0.018	0.000	0.000	04/19/2018	13:18
18	J2455-31		1	2.55	100	7.36	2.35	0.003	0.003	0.000	0.000	04/19/2018	13:19
19	J2455-41		1	2.51	100	7.91	1.61	0.004	0.004	0.000	0.000	04/19/2018	13:19
20	CCV3	0.5	1	100	100		2.14	0.000	0.391	0.391	0.508	04/19/2018	13:20
21	CCB3		1	100	100		2.31	0.000	0.000	0.000	0.000	04/19/2018	13:20