

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94889

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63969
Calibration Std. hexchrome 0.05 ppm	WP63968
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63971
Calibratation STD Hexa Chrome 0.5 PPM	WP63970
calibration std. hexchrome 0.01 ppm	WP63966
calibration std. hexchrome 0 ppm	WP63965
Hexavalent Chromium ICV Std.	WP63972
Hexavalent Chromium CCV Std	WP63973
hexavalent chromium color reagent	WP63914
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63967

Intercept: -0

Slope: 0.7704

Regression: 0.999988

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		1.76	0.000	0.000	0.000	04/25/2018	17:40
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	04/25/2018	17:40
3	CAL3	0.025	1	100	100		1.93	0.000	0.018	0.018	04/25/2018	17:41
4	CAL4	0.05	1	100	100		2.14	0.000	0.038	0.038	04/25/2018	17:41
5	CAL5	0.1	1	100	100		2.40	0.000	0.077	0.077	04/25/2018	17:42
6	CAL6	0.5	1	100	100		1.61	0.000	0.388	0.388	04/25/2018	17:42
7	CAL7	1	1	100	100		2.16	0.000	0.769	0.769	04/25/2018	17:43



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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		1.77	0.000	0.389	0.389	0.505	04/25/2018	17:43
2	ICB		1	100	100		1.56	0.000	0.000	0.000	0.000	04/25/2018	17:44
3	CCV1	0.5	1	100	100		2.07	0.000	0.389	0.389	0.505	04/25/2018	17:44
4	CCB1		1	100	100		2.28	0.000	0.000	0.000	0.000	04/25/2018	17:45
5	PB108607BL		1	2.50	100	7.46	1.69	0.000	0.000	0.000	0.000	04/25/2018	17:45
6	PB108607BS	20	1	2.52	100	7.12	1.94	0.000	0.374	0.374	0.485	04/25/2018	17:46
7	J2155-07		1	2.55	100	7.08	2.10	0.024	0.033	0.009	0.012	04/25/2018	17:46
8	J2155-09		1	2.52	100	7.84	2.23	0.110	0.110	0.000	0.000	04/25/2018	17:47
9	J2155-11		1	2.53	100	7.90	1.88	0.028	0.030	0.002	0.003	04/25/2018	17:47
10	J2156-03		1	2.50	100	7.11	2.37	0.038	0.038	0.000	0.000	04/25/2018	17:48
11	J2158-03		1	2.52	100	7.20	2.04	0.027	0.027	0.000	0.000	04/25/2018	17:48
12	J2158-05		1	2.54	100	7.33	1.99	0.023	0.023	0.000	0.000	04/25/2018	17:49
13	J2539-01		1	2.53	100	7.68	2.29	0.016	0.018	0.002	0.003	04/25/2018	17:49
14	J2539-01DUP		1	2.51	100	7.49	2.35	0.017	0.019	0.002	0.003	04/25/2018	17:50
15	CCV2	0.5	1	100	100		1.72	0.000	0.389	0.389	0.505	04/25/2018	17:50
16	CCB2		1	100	100		1.58	0.000	0.000	0.000	0.000	04/25/2018	17:51
17	J2539-01MSPre	40	2	2.54	100	7.13	1.92	0.020	0.361	0.341	0.443	04/25/2018	17:51
18	J2539-01MS2Ins	1284	40	2.51	100	7.06	2.16	0.015	0.633	0.618	0.802	04/25/2018	17:52
19	J2539-01MS3Post	40	2	2.50	100	7.31	2.40	0.022	0.367	0.345	0.448	04/25/2018	17:52
20	CCV3	0.5	1	100	100		1.63	0.000	0.390	0.390	0.506	04/25/2018	17:53
21	CCB3		1	100	100		1.81	0.000	0.000	0.000	0.000	04/25/2018	17:53