

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94641

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63737
Calibration Std. hexchrome 0.05 ppm	WP63736
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63739
Calibratation STD Hexa Chrome 0.5 PPM	WP63738
calibration std. hexchrome 0.01 ppm	WP63734
calibration std. hexchrome 0 ppm	WP63733
Hexavalent Chromium ICV Std.	WP63741
Hexavalent Chromium CCV Std	WP63740
hexavalent chromium color reagent	WP63707
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63735

Intercept: 0.0005

Slope: 0.7678

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		1.72	0.000	0.000	0.000	04/16/2018	15:00
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	04/16/2018	15:00
3	CAL3	0.025	1	100	100		1.68	0.000	0.018	0.018	04/16/2018	15:01
4	CAL4	0.05	1	100	100		1.75	0.000	0.039	0.039	04/16/2018	15:01
5	CAL5	0.1	1	100	100		2.33	0.000	0.077	0.077	04/16/2018	15:02
6	CAL6	0.5	1	100	100		2.21	0.000	0.389	0.389	04/16/2018	15:02
7	CAL7	1	1	100	100		1.84	0.000	0.766	0.766	04/16/2018	15:03



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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		1.73	0.000	0.391	0.391	0.509	04/16/2018	15:03
2	ICB		1	100	100		1.60	0.000	0.000	0.000	-0.001	04/16/2018	15:04
3	CCV1	0.5	1	100	100		2.11	0.000	0.391	0.391	0.509	04/16/2018	15:04
4	CCB1		1	100	100		2.27	0.000	0.000	0.000	-0.001	04/16/2018	15:05
5	PB108283BL		1	2.54	100	7.11	2.40	0.000	0.000	0.000	-0.001	04/16/2018	15:05
6	PB108283BS	20	1	2.50	100	7.33	1.55	0.000	0.357	0.357	0.464	04/16/2018	15:06
7	J2369-01		1	2.51	100	7.62	1.66	0.010	0.010	0.000	-0.001	04/16/2018	15:06
8	J2369-01DUP		1	2.55	100	7.76	2.25	0.011	0.011	0.000	-0.001	04/16/2018	15:07
9	J2369-01MSPre	40	2	2.53	100	7.12	2.10	0.013	0.230	0.217	0.282	04/16/2018	15:07
10	J2369-01MS2Ins	1284	40	2.55	100	7.20	1.81	0.008	0.614	0.606	0.789	04/16/2018	15:08
11	J2369-01MS3Post	40	2	2.52	100	7.11	1.98	0.014	0.265	0.251	0.326	04/16/2018	15:08
12	J2370-05		1	2.55	100	7.05	2.06	0.013	0.013	0.000	-0.001	04/16/2018	15:09
13	J2387-01		1	2.50	100	7.08	2.45	0.047	0.047	0.000	-0.001	04/16/2018	15:09
14	J2387-02		1	2.53	100	7.81	2.20	0.097	0.097	0.000	-0.001	04/16/2018	15:10
15	CCV2	0.5	1	100	100		1.89	0.000	0.391	0.391	0.509	04/16/2018	15:10
16	CCB2		1	100	100		2.14	0.000	0.000	0.000	-0.001	04/16/2018	15:11
17	J2387-03		1	2.54	100	7.93	2.28	0.055	0.055	0.000	-0.001	04/16/2018	15:11
18	J2387-04		1	2.52	100	7.17	1.71	0.050	0.050	0.000	-0.001	04/16/2018	15:12
19	J2387-05		1	2.54	100	7.47	1.99	0.088	0.088	0.000	-0.001	04/16/2018	15:12
20	J2387-06		1	2.51	100	7.31	2.28	0.078	0.078	0.000	-0.001	04/16/2018	15:13
21	J2387-07		1	2.50	100	7.50	2.48	0.043	0.043	0.000	-0.001	04/16/2018	15:13
22	J2387-08		1	2.55	100	7.30	2.20	0.059	0.059	0.000	-0.001	04/16/2018	15:14
23	J2387-09		1	2.52	100	7.16	1.65	0.063	0.063	0.000	-0.001	04/16/2018	15:14
24	J2393-01		1	2.51	100	7.86	1.53	0.002	0.009	0.007	0.008	04/16/2018	15:15
25	J2394-01		1	2.50	100	7.96	2.05	0.003	0.011	0.008	0.010	04/16/2018	15:15
26	J2395-01		1	2.52	100	7.09	1.99	0.004	0.015	0.011	0.014	04/16/2018	15:16
27	CCV3	0.5	1	100	100		2.29	0.000	0.392	0.392	0.510	04/16/2018	15:16
28	CCB3		1	100	100		1.76	0.000	0.000	0.000	-0.001	04/16/2018	15:17