

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93618

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62383
Calibration Std. hexchrome 0.05 ppm	WP62382
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62385
Calibratation STD Hexa Chrome 0.5 PPM	WP62384
calibration std. hexchrome 0.01 ppm	WP62380
calibration std. hexchrome 0 ppm	WP62379
Hexavalent Chromium ICV Std.	WP62386
Hexavalent Chromium CCV Std	WP62387
hexavalent chromium color reagent	WP62357
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62381

Intercept: 0.0002

Slope: 0.767

Regression: 0.999969

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	03/01/2018	13:00
2	CAL2	0.01	1	100	100		2.44	0.000	0.007	0.007	03/01/2018	13:00
3	CAL3	0.025	1	100	100		1.86	0.000	0.017	0.017	03/01/2018	13:01
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	03/01/2018	13:01
5	CAL5	0.1	1	100	100		1.77	0.000	0.078	0.078	03/01/2018	13:02
6	CAL6	0.5	1	100	100		1.54	0.000	0.388	0.388	03/01/2018	13:02
7	CAL7	1	1	100	100		2.09	0.000	0.765	0.765	03/01/2018	13:03



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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		1.65	0.000	0.389	0.389	0.507	03/01/2018	13:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	03/01/2018	13:04
3	CCV1	0.5	1	100	100		2.16	0.000	0.389	0.389	0.507	03/04/2018	13:04
4	CCB1		1	100	100		1.99	0.000	0.000	0.000	0.000	03/01/2018	13:05
5	PB106947BL		1	2.51	100	7.89	1.63	0.000	0.000	0.000	0.000	03/01/2018	13:05
6	PB106947BS	20	1	2.53	100	7.44	1.75	0.000	0.373	0.373	0.486	03/01/2018	13:06
7	J1699-01		1	2.51	100	7.20	1.58	0.006	0.006	0.000	0.000	03/01/2018	13:06
8	J1699-05		1	2.54	100	7.16	2.21	0.017	0.017	0.000	0.000	03/01/2018	13:07
9	J1699-09		1	2.53	100	7.49	2.10	0.002	0.017	0.015	0.019	03/01/2018	13:07
10	J1699-13		1	2.54	100	7.10	2.43	0.008	0.008	0.000	0.000	03/01/2018	13:08
11	J1699-17		1	2.55	100	7.64	1.67	0.002	0.006	0.004	0.005	03/01/2018	13:08
12	J1699-21		1	2.50	100	7.85	1.94	0.019	0.019	0.000	0.000	03/01/2018	13:09
13	J1699-25		1	2.51	100	7.77	2.45	0.005	0.009	0.004	0.005	03/01/2018	13:09
14	J1699-29		1	2.52	100	7.51	1.62	0.013	0.013	0.000	0.000	03/01/2018	13:10
15	CCV2	0.5	1	100	100		1.53	0.000	0.389	0.389	0.507	03/01/2018	13:10
16	CCB2		1	100	100		1.97	0.000	0.000	0.000	0.000	03/01/2018	13:11
17	J1699-33		1	2.53	100	7.33	2.05	0.010	0.010	0.000	0.000	03/01/2018	13:11
18	J1699-37		1	2.54	100	7.91	2.11	0.018	0.018	0.000	0.000	03/01/2018	13:12
19	J1699-41		1	2.50	100	7.20	2.19	0.012	0.012	0.000	0.000	03/01/2018	13:12
20	J1699-45		1	2.51	100	7.15	1.68	0.019	0.019	0.000	0.000	03/01/2018	13:13
21	J1699-49		1	2.55	100	7.23	1.77	0.024	0.024	0.000	0.000	03/01/2018	13:13
22	J1699-53		1	2.52	100	7.40	2.21	0.003	0.003	0.000	0.000	03/01/2018	13:14
23	J1699-57		1	2.55	100	7.22	2.03	0.007	0.007	0.000	0.000	03/01/2018	13:14
24	J1699-61		1	2.50	100	7.63	1.89	0.004	0.004	0.000	0.000	03/01/2018	13:15
25	J1699-65		1	2.53	100	7.55	1.96	0.009	0.009	0.000	0.000	03/01/2018	13:15
26	J1699-69		1	2.54	100	7.41	1.74	0.008	0.010	0.002	0.002	03/01/2018	13:16
27	CCV3	0.5	1	100	100		1.59	0.000	0.390	0.390	0.508	03/01/2018	13:16
28	CCB3		1	100	100		2.07	0.000	0.000	0.000	0.000	03/01/2018	13:17
29	J1699-73		1	2.55	100	7.10	2.33	0.011	0.011	0.000	0.000	03/01/2018	13:17
30	J1699-77		1	2.53	100	7.92	2.46	0.007	0.007	0.000	0.000	03/01/2018	13:18
31	J1699-81		1	2.50	100	7.88	2.27	0.002	0.002	0.000	0.000	03/01/2018	13:18
32	J1699-81DUP		1	2.54	100	7.36	2.08	0.003	0.003	0.000	0.000	03/01/2018	13:19
33	J1699-81MSPre	40	2	2.50	100	7.66	1.63	0.005	0.356	0.351	0.457	03/01/2018	13:19
34	J1699-81MS2Ins	1284	40	2.52	100	7.12	1.57	0.002	0.610	0.608	0.792	03/01/2018	13:20
35	J1699-81MS3Post	40	2	2.50	100	7.45	2.09	0.006	0.359	0.353	0.460	03/01/2018	13:20
36	CCV4	0.5	1	100	100		2.14	0.000	0.390	0.390	0.508	03/01/2018	13:21
37	CCB4		1	100	100		2.45	0.000	0.000	0.000	0.000	03/01/2018	13:21