

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94821

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63906
Calibration Std. hexchrome 0.05 ppm	WP63905
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63908
Calibratation STD Hexa Chrome 0.5 PPM	WP63907
calibration std. hexchrome 0.01 ppm	WP63902
calibration std. hexchrome 0 ppm	WP63901
Hexavalent Chromium ICV Std.	WP63909
Hexavalent Chromium CCV Std	WP63910
hexavalent chromium color reagent	WP63914
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63904

Intercept: 0.0002

Slope: 0.7702

Regression: 0.999965

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		2.16	0.000	0.000	0.000	04/23/2018	14:10
2	CAL2	0.01	1	100	100		2.21	0.000	0.007	0.007	04/23/2018	14:10
3	CAL3	0.025	1	100	100		1.80	0.000	0.017	0.017	04/23/2018	14:11
4	CAL4	0.05	1	100	100		2.37	0.000	0.039	0.039	04/23/2018	14:11
5	CAL5	0.1	1	100	100		1.74	0.000	0.078	0.078	04/23/2018	14:12
6	CAL6	0.5	1	100	100		1.99	0.000	0.390	0.390	04/23/2018	14:12
7	CAL7	1	1	100	100		2.12	0.000	0.768	0.768	04/23/2018	14:13



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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		1.66	0.000	0.391	0.391	0.507	04/23/2018	14:13
2	ICB		1	100	100		2.27	0.000	0.000	0.000	0.000	04/23/2018	14:14
3	CCV1	0.5	1	100	100		1.89	0.000	0.391	0.391	0.507	04/23/2018	14:14
4	CCB1		1	100	100		2.46	0.000	0.000	0.000	0.000	04/23/2018	14:15
5	PB108520BL		1	2.52	100	7.10	1.59	0.000	0.000	0.000	0.000	04/23/2018	14:15
6	PB108520BS	20	1	2.54	100	7.33	1.72	0.000	0.380	0.380	0.493	04/23/2018	14:16
7	J2495-01		1	2.53	100	7.14	2.11	0.053	0.053	0.000	0.000	04/23/2018	14:16
8	J2495-03		1	2.50	100	7.10	2.41	0.066	0.066	0.000	0.000	04/23/2018	14:17
9	J2496-01		1	2.51	100	7.62	1.88	0.045	0.046	0.001	0.001	04/23/2018	14:17
10	J2499-01		1	2.54	100	7.02	1.62	0.017	0.018	0.001	0.001	04/23/2018	14:18
11	J2499-03		1	2.50	100	7.15	2.25	0.012	0.012	0.000	0.000	04/23/2018	14:18
12	J2499-03DUP		1	2.53	100	7.60	2.34	0.011	0.011	0.000	0.000	04/23/2018	14:19
13	J2499-03MSPre	40	2	2.51	100	7.41	1.93	0.014	0.373	0.359	0.466	04/23/2018	14:19
14	J2499-03MS2Ins	1284	40	2.51	100	7.68	2.11	0.009	0.617	0.608	0.789	04/23/2018	14:20
15	CCV2	0.5	1	100	100		2.30	0.000	0.391	0.391	0.507	04/23/2018	14:20
16	CCB2		1	100	100		2.39	0.000	0.000	0.000	0.000	04/23/2018	14:21
17	J2499-03MS3Post	40	2	2.53	100	7.25	1.83	0.015	0.378	0.363	0.471	04/23/2018	14:21
18	J2500-01		1	2.50	100	7.31	1.61	0.015	0.015	0.000	0.000	04/23/2018	14:22
19	J2503-01		1	2.51	100	7.66	2.19	0.010	0.010	0.000	0.000	04/23/2018	14:22
20	J2503-03		1	2.52	100	7.80	1.58	0.011	0.038	0.027	0.035	04/23/2018	14:23
21	J2503-05		1	2.50	100	7.22	1.69	0.097	0.097	0.000	0.000	04/23/2018	14:23
22	J2503-07		1	2.55	100	7.90	1.97	0.082	0.082	0.000	0.000	04/23/2018	14:24
23	PB108519BL		1	2.53	100	7.82	2.28	0.000	0.000	0.000	0.000	04/23/2018	14:24
24	PB108519BS	20	1	2.55	100	7.74	2.46	0.000	0.384	0.384	0.498	04/23/2018	14:25
25	J2152-03		1	2.52	100	7.65	2.27	0.004	0.012	0.008	0.010	04/23/2018	14:25
26	J2161-05		1	2.54	100	7.21	2.08	0.021	0.021	0.000	0.000	04/23/2018	14:26
27	CCV3	0.5	1	100	100		1.71	0.000	0.392	0.392	0.509	04/23/2018	14:26
28	CCB3		1	100	100		1.93	0.000	0.000	0.000	0.000	04/23/2018	14:27
29	J2477-01		1	2.51	100	7.46	1.88	0.007	0.007	0.000	0.000	04/23/2018	14:27
30	J2477-01DUP		1	2.54	100	7.22	2.22	0.008	0.008	0.000	0.000	04/23/2018	14:28
31	J2477-01MSPre	40	2	2.50	100	7.17	2.31	0.010	0.366	0.356	0.462	04/23/2018	14:28
32	J2477-01MS2Ins	1284	40	2.52	100	7.10	2.19	0.006	0.605	0.599	0.777	04/23/2018	14:29
33	J2477-01MS3Post	40	2	2.53	100	7.65	1.68	0.010	0.370	0.360	0.467	04/23/2018	14:29
34	J2482-02		1	2.51	100	7.29	1.97	0.031	0.031	0.000	0.000	04/23/2018	14:30
35	J2482-04		1	2.52	100	7.10	2.16	0.047	0.047	0.000	0.000	04/23/2018	14:30
36	J2482-06		1	2.55	100	7.34	2.43	0.039	0.039	0.000	0.000	04/23/2018	14:31
37	J2493-01		1	2.50	100	7.29	1.80	0.048	0.048	0.000	0.000	04/23/2018	14:31
38	CCV4	0.5	1	100	100		2.37	0.000	0.392	0.392	0.509	04/23/2018	14:32
39	CCB4		1	100	100		2.25	0.000	0.000	0.000	0.000	04/23/2018	14:32