



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98826

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69063
Calibration Std. hexchrome 0.05 ppm	WP69061
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69065
Calibratation STD Hexa Chrome 0.5 PPM	WP69064
calibration std. hexchrome 0.01 ppm	WP69060
calibration std. hexchrome 0 ppm	WP69059
Hexavalent Chromium ICV Std.	WP69067
Hexavalent Chromium CCV Std	WP69066
hexavalent chromium color reagent	WP68966
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69062

Intercept: 0.0003

Slope: 0.7719

Regression: 0.99997

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	10/25/2018	09:40
2	CAL2	0.01	1	100	100		1.96	0.000	0.008	0.008	10/25/2018	09:40
3	CAL3	0.025	1	100	100		1.54	0.000	0.018	0.018	10/25/2018	09:41
4	CAL4	0.05	1	100	100		2.03	0.000	0.039	0.039	10/25/2018	09:41
5	CAL5	0.1	1	100	100		2.17	0.000	0.077	0.077	10/25/2018	09:42
6	CAL6	0.5	1	100	100		2.29	0.000	0.391	0.391	10/25/2018	09:42
7	CAL7	1	1	100	100		1.85	0.000	0.770	0.770	10/25/2018	09:43

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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		1.65	0.000	0.391	0.391	0.506	10/25/2018	09:43
2	ICB		1	100	100		2.19	0.000	0.000	0.000	0.000	10/25/2018	09:44
3	CCV1	0.5	1	100	100		2.31	0.000	0.392	0.392	0.507	10/25/2018	09:44
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	10/25/2018	09:45
5	PB114149BL		1	2.52	100	7.13	1.63	0.000	0.000	0.000	0.000	10/25/2018	09:45
6	PB114149BS	20	1	2.55	100	7.90	2.10	0.000	0.381	0.381	0.493	10/25/2018	09:46
7	J4771-07		1	2.53	100	7.88	1.75	0.012	0.014	0.002	0.002	10/25/2018	09:46
8	J5198-21		1	2.52	100	7.30	2.34	0.011	0.011	0.000	0.000	10/25/2018	09:47
9	J5198-23		1	2.54	100	7.64	1.92	0.021	0.021	0.000	0.000	10/25/2018	09:47
10	J5198-25		1	2.51	100	7.77	2.45	0.016	0.016	0.000	0.000	10/25/2018	09:48
11	J5198-27		1	2.50	100	7.41	1.87	0.009	0.009	0.000	0.000	10/25/2018	09:48
12	J5198-29		1	2.54	100	7.25	2.16	0.018	0.018	0.000	0.000	10/25/2018	09:49
13	J5199-05		1	2.50	100	7.66	2.30	0.007	0.007	0.000	0.000	10/25/2018	09:49
14	J5200-13		1	2.53	100	7.23	1.84	0.010	0.010	0.000	0.000	10/25/2018	09:50
15	CCV2	0.5	1	100	100		2.17	0.000	0.392	0.392	0.507	10/25/2018	09:50
16	CCB2		1	100	100		2.22	0.000	0.000	0.000	0.000	10/25/2018	09:51
17	J5200-13DUP		1	2.52	100	7.30	1.93	0.009	0.009	0.000	0.000	10/25/2018	09:51
18	J5200-13MSPre	40	2	2.50	100	7.19	2.35	0.011	0.353	0.342	0.443	10/25/2018	09:52
19	J5200-13MS2Ins	1284	40	2.50	100	7.14	2.40	0.007	0.584	0.577	0.747	10/25/2018	09:52
20	J5200-13MS3Post	40	2	2.50	100	7.08	1.74	0.011	0.359	0.348	0.450	10/25/2018	09:53
21	J5200-15		1	2.51	100	7.40	1.68	0.008	0.008	0.000	0.000	10/25/2018	09:53
22	J5642-01		1	2.50	100	7.61	2.13	0.004	0.004	0.000	0.000	10/25/2018	09:54
23	CCV3	0.5	1	100	100		1.76	0.000	0.392	0.392	0.507	10/25/2018	09:54
24	CCB3		1	100	100		2.18	0.000	0.000	0.000	0.000	10/25/2018	09:55