

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96842

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66380
Calibration Std. hexchrome 0.05 ppm	WP66379
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66382
Calibratation STD Hexa Chrome 0.5 PPM	WP66381
calibration std. hexchrome 0.01 ppm	WP66378
calibration std. hexchrome 0 ppm	WP66375
Hexavalent Chromium ICV Std.	WP66383
Hexavalent Chromium CCV Std	WP66384
hexavalent chromium color reagent	WP66393
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66377

Intercept: 0.0005

Slope: 0.7695

Regression: 0.999977

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	07/24/2018	13:50
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	07/24/2018	13:50
3	CAL3	0.025	1	100	100		1.62	0.000	0.019	0.019	07/24/2018	13:51
4	CAL4	0.05	1	100	100		1.55	0.000	0.038	0.038	07/24/2018	13:51
5	CAL5	0.1	1	100	100		2.34	0.000	0.079	0.079	07/24/2018	13:52
6	CAL6	0.5	1	100	100		1.69	0.000	0.389	0.389	07/24/2018	13:52
7	CAL7	1	1	100	100		1.98	0.000	0.768	0.768	07/24/2018	13:53



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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		2.16	0.000	0.389	0.389	0.505	07/24/2018	13:53
2	ICB		1	100	100		2.22	0.000	0.000	0.000	-0.001	07/24/2018	13:54
3	CCV1	0.5	1	100	100		1.77	0.000	0.390	0.390	0.506	07/24/2018	13:54
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	-0.001	07/24/2018	13:55
5	PB111419BL		1	2.53	100	7.05	2.30	0.000	0.000	0.000	-0.001	07/24/2018	13:55
6	PB111419BS	20	1	2.54	100	7.22	2.36	0.000	0.379	0.379	0.492	07/24/2018	13:56
7	J4080-02		1	2.50	100	7.37	2.44	0.009	3.009	3.000	3.898	07/24/2018	13:56
8	J4110-01		1	2.52	100	7.51	1.57	0.008	0.008	0.000	-0.001	07/24/2018	13:57
9	J4110-01DUP		1	2.55	100	7.73	2.03	0.008	0.008	0.000	-0.001	07/24/2018	13:57
10	J4110-01MSPre	40	2	2.50	100	7.80	2.31	0.009	0.349	0.340	0.441	07/24/2018	13:58
11	J4110-01MS2Ins	1284	40	2.50	100	7.69	1.83	0.007	0.612	0.605	0.786	07/24/2018	13:58
12	J4110-01MS3Post	40	2	2.50	100	7.91	1.76	0.011	0.353	0.342	0.444	07/24/2018	13:59
13	J4119-01		1	2.51	100	7.55	2.19	0.005	0.027	0.022	0.028	07/24/2018	14:00
14	J4123-01		1	2.55	100	7.61	2.35	0.012	0.012	0.000	-0.001	07/24/2018	14:00
15	CCV2	0.5	1	100	100		2.44	0.000	0.390	0.390	0.506	07/24/2018	14:01
16	CCB2		1	100	100		1.66	0.000	0.000	0.000	-0.001	07/24/2018	14:01
17	J4080-02		10	2.50	100	7.37	2.44	0.002	0.380	0.378	0.491	07/24/2018	14:02
18	CCV3	0.5	1	100	100		2.44	0.000	0.390	0.390	0.506	07/24/2018	14:02
19	CCB3		1	100	100		1.66	0.000	0.000	0.000	-0.001	07/24/2018	14:03