

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94518

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63573
Calibration Std. hexchrome 0.05 ppm	WP63572
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63575
Calibratation STD Hexa Chrome 0.5 PPM	WP63574
calibration std. hexchrome 0.01 ppm	WP63570
calibration std. hexchrome 0 ppm	WP63569
Hexavalent Chromium ICV Std.	WP63576
Hexavalent Chromium CCV Std	WP63577
hexavalent chromium color reagent	WP63480
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63571

Intercept: -0.0001

Slope: 0.7706

Regression: 0.999981

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		2.25	0.000	0.000	0.000	04/10/2018	14:50
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	04/10/2018	14:50
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	04/10/2018	14:51
4	CAL4	0.05	1	100	100		2.03	0.000	0.038	0.038	04/10/2018	14:51
5	CAL5	0.1	1	100	100		1.55	0.000	0.079	0.079	04/10/2018	14:52
6	CAL6	0.5	1	100	100		1.97	0.000	0.388	0.388	04/10/2018	14:52
7	CAL7	1	1	100	100		2.30	0.000	0.769	0.769	04/10/2018	14:53

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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		2.04	0.000	0.389	0.389	0.505	04/10/2018	14:53
2	ICB		1	100	100		2.25	0.000	0.000	0.000	0.000	04/10/2018	14:54
3	CCV1	0.5	1	100	100		1.81	0.000	0.389	0.389	0.505	04/10/2018	14:54
4	CCB1		1	100	100		2.16	0.000	0.000	0.000	0.000	04/10/2018	14:55
5	PB108140BL		1	2.53	100	7.13	1.63	0.000	0.000	0.000	0.000	04/10/2018	14:55
6	PB108140BS	20	1	2.54	100	7.23	2.33	0.000	0.378	0.378	0.491	04/10/2018	14:56
7	J2156-01		1	2.55	100	7.69	1.70	0.065	0.065	0.000	0.000	04/10/2018	14:56
8	J2297-01		1	2.50	100	7.80	1.96	0.037	0.037	0.000	0.000	04/10/2018	14:57
9	J2302-01		1	2.54	100	7.45	1.61	0.029	0.029	0.000	0.000	04/10/2018	14:57
10	J2303-01		1	2.50	100	7.71	2.20	0.033	0.034	0.001	0.001	04/10/2018	14:58
11	J2304-01		1	2.50	100	7.36	2.46	0.020	0.025	0.005	0.007	04/10/2018	14:58
12	J2304-01DUP		1	2.52	100	7.88	2.30	0.021	0.026	0.005	0.007	04/10/2018	14:59
13	J2304-01MSPre	40	2	2.51	100	7.20	1.77	0.024	0.370	0.346	0.449	04/10/2018	14:59
14	J2304-01MS2Ins	1284	40	2.50	100	7.14	1.54	0.018	0.612	0.594	0.771	04/10/2018	15:00
15	CCV2	0.5	1	100	100		1.91	0.000	0.390	0.390	0.506	04/10/2018	15:00
16	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.000	04/10/2018	15:01
17	J2304-01MS3Post	40	2	2.51	100	7.38	2.17	0.026	0.373	0.347	0.450	04/10/2018	15:01
18	CCV3	0.5	1	100	100		2.25	0.000	0.390	0.390	0.506	04/10/2018	15:02
19	CCB3		1	100	100		1.63	0.000	0.000	0.000	0.000	04/10/2018	15:02