

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94949

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64056
Calibration Std. hexchrome 0.05 ppm	WP64055
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64058
Calibratation STD Hexa Chrome 0.5 PPM	WP64057
calibration std. hexchrome 0.01 ppm	WP64053
calibration std. hexchrome 0 ppm	WP64062
Hexavalent Chromium ICV Std.	WP64059
Hexavalent Chromium CCV Std	WP64060
hexavalent chromium color reagent	WP63914
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64054

Intercept: 0

Slope: 0.7708

Regression: 0.999978

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		2.18	0.000	0.000	0.000	04/27/2018	12:50
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	04/27/2018	12:50
3	CAL3	0.025	1	100	100		1.96	0.000	0.017	0.017	04/27/2018	12:51
4	CAL4	0.05	1	100	100		1.66	0.000	0.039	0.039	04/27/2018	12:51
5	CAL5	0.1	1	100	100		2.03	0.000	0.078	0.078	04/27/2018	12:52
6	CAL6	0.5	1	100	100		1.74	0.000	0.389	0.389	04/27/2018	12:52
7	CAL7	1	1	100	100		2.30	0.000	0.769	0.769	04/27/2018	12:53



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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		1.53	0.000	0.390	0.390	0.506	04/27/2018	12:53
2	ICB		1	100	100		1.70	0.000	0.000	0.000	0.000	04/27/2018	12:54
3	CCV1	0.5	1	100	100		2.38	0.000	0.390	0.390	0.506	04/27/2018	12:54
4	CCB1		1	100	100		2.43	0.000	0.000	0.000	0.000	04/27/2018	12:55
5	PB108692BL		1	2.52	100	7.10	2.21	0.000	0.000	0.000	0.000	04/27/2018	12:55
6	PB108692BS	20	1	2.51	100	7.63	1.73	0.000	0.380	0.380	0.493	04/27/2018	12:56
7	J2597-01		1	2.54	100	7.71	1.90	0.007	0.007	0.000	0.000	04/27/2018	12:56
8	J2608-01		1	2.53	100	7.14	2.15	0.009	0.081	0.072	0.093	04/27/2018	12:57
9	J2613-01		1	2.50	100	7.26	2.44	0.013	0.013	0.000	0.000	04/27/2018	12:57
10	J2613-03		1	2.55	100	7.80	2.33	0.005	0.005	0.000	0.000	04/27/2018	12:58
11	J2613-03DUP		1	2.50	100	7.92	1.68	0.006	0.006	0.000	0.000	04/27/2018	12:58
12	J2613-03MSPre	40	2	2.53	100	7.45	1.71	0.008	0.369	0.361	0.468	04/27/2018	12:59
13	J2613-03MS2Ins	1284	40	2.55	100	7.66	2.40	0.007	0.612	0.605	0.785	04/27/2018	12:59
14	J2613-03MS3Post	40	2	2.51	100	7.12	2.36	0.009	0.370	0.361	0.468	04/27/2018	13:00
15	CCV2	0.5	1	100	100		1.82	0.000	0.390	0.390	0.506	04/27/2018	13:00
16	CCB2		1	100	100		1.66	0.000	0.000	0.000	0.000	04/27/2018	13:01