

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95681

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64881
Calibration Std. hexchrome 0.05 ppm	WP64880
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64883
Calibratation STD Hexa Chrome 0.5 PPM	WP64882
calibration std. hexchrome 0.01 ppm	WP64878
calibration std. hexchrome 0 ppm	WP64877
Hexavalent Chromium ICV Std.	WP64884
Hexavalent Chromium CCV Std	WP64885
hexavalent chromium color reagent	WP64738
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64879

Intercept: 0.0001

Slope: 0.7688

Regression: 0.999972

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		2.08	0.000	0.000	0.000	05/29/2018	12:00
2	CAL2	0.01	1	100	100		1.92	0.000	0.006	0.006	05/29/2018	12:00
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	05/29/2018	12:01
4	CAL4	0.05	1	100	100		2.28	0.000	0.039	0.039	05/29/2018	12:01
5	CAL5	0.1	1	100	100		2.31	0.000	0.079	0.079	05/29/2018	12:02
6	CAL6	0.5	1	100	100		1.55	0.000	0.388	0.388	05/29/2018	12:02
7	CAL7	1	1	100	100		1.67	0.000	0.767	0.767	05/29/2018	12:03



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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		1.78	0.000	0.388	0.388	0.505	05/29/2018	12:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	05/29/2018	12:04
3	CCV1	0.5	1	100	100		1.70	0.000	0.390	0.390	0.507	05/29/2018	12:04
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	0.000	05/29/2018	12:05
5	PB109761BL		1	2.55	100	7.36	2.33	0.000	0.000	0.000	0.000	05/29/2018	12:05
6	PB109761BS	20	1	2.52	100	7.25	2.44	0.000	0.369	0.369	0.480	05/29/2018	12:06
7	J3138-01		1	2.50	100	7.49	2.14	0.193	0.193	0.000	0.000	05/29/2018	12:06
8	J3157-01		1	2.53	100	7.51	1.65	0.015	0.015	0.000	0.000	05/29/2018	12:07
9	J3157-03		1	2.55	100	7.78	1.80	0.019	0.019	0.000	0.000	05/29/2018	12:07
10	J3166-01		1	2.51	100	7.93	1.95	0.012	0.018	0.006	0.008	05/29/2018	12:08
11	J3166-01DUP		1	2.54	100	7.22	2.01	0.011	0.017	0.006	0.008	05/29/2018	12:08
12	J3166-01MSPre	40	2	2.53	100	7.60	1.80	0.015	0.358	0.343	0.446	05/29/2018	12:09
13	J3166-01MS2Ins	1284	40	2.54	100	7.33	1.54	0.010	0.607	0.597	0.776	05/29/2018	12:09
14	J3166-01MS3Post	40	2	2.50	100	7.44	2.36	0.016	0.362	0.346	0.450	05/29/2018	12:10
15	CCV2	0.5	1	100	100		2.27	0.000	0.390	0.390	0.507	05/29/2018	12:10
16	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	05/29/2018	12:11
17	J3174-01		1	2.51	100	7.16	2.16	0.044	0.044	0.000	0.000	05/29/2018	12:11
18	J3174-03		1	2.53	100	7.20	2.05	0.037	0.037	0.000	0.000	05/29/2018	12:12
19	J3177-03		1	2.52	100	7.17	1.63	0.029	0.029	0.000	0.000	05/29/2018	12:12
20	J3177-07		1	2.50	100	7.13	2.37	0.015	0.017	0.002	0.002	05/29/2018	12:13
21	CCV3	0.5	1	100	100		2.40	0.000	0.390	0.390	0.507	05/29/2018	12:13
22	CCB3		1	100	100		1.89	0.000	0.000	0.000	0.000	05/29/2018	12:14