

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95831

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65060
Calibration Std. hexchrome 0.05 ppm	WP65059
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65062
Calibratation STD Hexa Chrome 0.5 PPM	WP65061
calibration std. hexchrome 0.01 ppm	WP65057
calibration std. hexchrome 0 ppm	WP65052
Hexavalent Chromium ICV Std.	WP65063
Hexavalent Chromium CCV Std	WP65065
hexavalent chromium color reagent	WP65056
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65058

Intercept: 0.0004

Slope: 0.768

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		2.33	0.000	0.000	0.000	06/05/2018	13:00
2	CAL2	0.01	1	100	100		1.78	0.000	0.008	0.008	06/05/2018	13:00
3	CAL3	0.025	1	100	100		1.69	0.000	0.017	0.017	06/05/2018	13:01
4	CAL4	0.05	1	100	100		2.45	0.000	0.039	0.039	06/05/2018	13:01
5	CAL5	0.1	1	100	100		2.37	0.000	0.079	0.079	06/05/2018	13:02
6	CAL6	0.5	1	100	100		1.88	0.000	0.387	0.387	06/05/2018	13:02
7	CAL7	1	1	100	100		2.26	0.000	0.767	0.767	06/05/2018	13:03



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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		1.77	0.000	0.388	0.388	0.505	06/05/2018	13:03
2	ICB		1	100	100		1.93	0.000	0.000	0.000	-0.001	06/05/2018	13:04
3	CCV1	0.5	1	100	100		2.22	0.000	0.388	0.388	0.505	06/05/2018	13:04
4	CCB1		1	100	100		2.14	0.000	0.000	0.000	-0.001	06/05/2018	13:05
5	PB109993BL		1	2.52	100	7.06	2.08	0.000	0.000	0.000	-0.001	06/05/2018	13:05
6	PB109993BS	20	1	2.50	100	7.33	1.98	0.000	0.374	0.374	0.486	06/05/2018	13:06
7	J2309-01		1	2.55	100	7.20	1.63	0.162	0.286	0.124	0.161	06/05/2018	13:06
8	J2309-07		1	2.51	100	7.46	2.24	0.013	0.022	0.009	0.011	06/05/2018	13:07
9	J3195-09		1	2.52	100	7.69	2.37	0.006	0.007	0.001	0.001	06/05/2018	13:07
10	J3278-01		1	2.53	100	7.88	1.69	0.010	0.011	0.001	0.001	06/05/2018	13:08
11	J3278-03		1	2.54	100	7.50	2.45	0.008	0.008	0.000	-0.001	06/05/2018	13:08
12	J3279-01		1	2.51	100	7.36	1.66	0.012	0.014	0.002	0.002	06/05/2018	13:09
13	J3280-01		1	2.50	100	7.24	2.04	0.009	0.009	0.000	-0.001	06/05/2018	13:09
14	J3284-01		1	2.51	100	7.58	2.30	0.021	0.021	0.000	-0.001	06/05/2018	13:10
15	CCV2	0.5	1	100	100		1.78	0.000	0.389	0.389	0.506	06/05/2018	13:10
16	CCB2		1	100	100		1.73	0.000	0.000	0.000	-0.001	06/05/2018	13:11
17	J3284-01DUP		1	2.54	100	7.33	2.15	0.022	0.022	0.000	-0.001	06/05/2018	13:11
18	J3284-01MSPre	40	2	2.53	100	7.49	2.39	0.024	0.368	0.344	0.447	06/05/2018	13:11
19	J3284-01MS2Ins	1284	40	2.53	100	7.12	1.64	0.019	0.614	0.595	0.774	06/05/2018	13:12
20	J3284-01MS3Post	40	2	2.53	100	7.10	1.70	0.025	0.370	0.345	0.449	06/05/2018	13:12
21	J3291-07		1	2.53	100	7.05	2.15	0.020	0.020	0.000	-0.001	06/05/2018	13:13
22	J3300-01		1	2.52	100	7.11	2.81	0.014	0.014	0.000	-0.001	06/05/2018	13:13
23	J3304-01		1	2.50	100	7.68	1.60	0.031	0.031	0.000	-0.001	06/05/2018	13:14
24	J3304-04		1	2.51	100	7.18	2.10	0.008	0.037	0.029	0.037	06/05/2018	13:14
25	J3305-01		1	2.55	100	7.26	2.26	0.005	0.005	0.000	-0.001	06/05/2018	13:15
26	CCV3	0.5	1	100	100		1.90	0.000	0.389	0.389	0.506	06/05/2018	13:15
27	CCB3		1	100	100		1.77	0.000	0.000	0.000	-0.001	06/05/2018	13:16