

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99878

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70309
Calibration Std. hexchrome 0.05 ppm	WP70308
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70312
Calibratation STD Hexa Chrome 0.5 PPM	WP70311
calibration std. hexchrome 0.01 ppm	WP70307
calibration std. hexchrome 0 ppm	WP70306
Hexavalent Chromium ICV Std.	WP70314
Hexavalent Chromium CCV Std	WP70313
hexavalent chromium color reagent	WP70176
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70310

Intercept: 0.0004

Slope: 0.7717

Regression: 0.999968

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		2.17	0.000	0.000	0.000	12/16/2018	12:00
2	CAL2	0.01	1	100	100		1.82	0.000	0.007	0.007	12/16/2018	12:00
3	CAL3	0.025	1	100	100		2.45	0.000	0.017	0.017	12/16/2018	12:01
4	CAL4	0.05	1	100	100		1.66	0.000	0.039	0.039	12/16/2018	12:01
5	CAL5	0.1	1	100	100		2.04	0.000	0.080	0.080	12/16/2018	12:02
6	CAL6	0.5	1	100	100		1.93	0.000	0.390	0.390	12/16/2018	12:02
7	CAL7	1	1	100	100		2.25	0.000	0.770	0.770	12/16/2018	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		1.82	0.000	0.388	0.388	0.502	12/16/2018	12:03
2	ICB		1	100	100		2.28	0.000	0.000	0.000	-0.001	12/16/2018	12:04
3	CCV1	0.5	1	100	100		2.33	0.000	0.390	0.390	0.505	12/16/2018	12:04
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	12/16/2018	12:05
5	PB115742BL		1	2.52	100	7.13	1.54	0.000	0.000	0.000	-0.001	12/16/2018	12:05
6	PB115742BS	20	1	2.55	100	7.88	2.06	0.000	0.365	0.365	0.472	12/16/2018	12:06
7	J6403-01		1	2.50	100	7.41	2.39	0.036	0.036	0.000	-0.001	12/16/2018	12:06
8	J6403-05		1	2.51	100	7.30	1.70	0.040	0.040	0.000	-0.001	12/16/2018	12:07
9	J6403-09		1	2.53	100	7.15	2.25	0.039	0.039	0.000	-0.001	12/16/2018	12:07
10	J6403-13		1	2.50	100	7.42	1.90	0.026	0.026	0.000	-0.001	12/16/2018	12:08
11	J6403-17		1	2.53	100	7.33	1.68	0.028	0.028	0.000	-0.001	12/16/2018	12:08
12	J6403-21		1	2.51	100	7.06	1.99	0.030	0.030	0.000	-0.001	12/16/2018	12:09
13	J6403-25		1	2.57	100	7.15	2.24	0.023	0.023	0.000	-0.001	12/16/2018	12:09
14	J6403-29		1	2.50	100	7.10	1.81	0.020	0.020	0.000	-0.001	12/16/2018	12:10
15	CCV2	0.5	1	100	100		1.74	0.000	0.390	0.390	0.505	12/16/2018	12:10
16	CCB2		1	100	100		1.63	0.000	0.000	0.000	-0.001	12/16/2018	12:11
17	J6403-33		1	2.52	100	7.18	2.15	0.019	0.019	0.000	-0.001	12/16/2018	12:11
18	J6403-37		1	2.54	100	7.28	1.72	0.220	0.220	0.000	-0.001	12/16/2018	12:12
19	J6403-37DUP		1	2.55	100	7.33	1.65	0.023	0.023	0.000	-0.001	12/16/2018	12:12
20	J6403-37MSPre	40	2	2.50	100	7.45	2.19	0.025	0.178	0.153	0.198	12/16/2018	12:13
21	J6403-37MS2Ins	1284	40	2.52	100	7.51	2.30	0.015	0.620	0.605	0.783	12/16/2018	12:13
22	J6403-37MS3Post	40	2	2.55	100	7.60	1.91	0.028	0.205	0.177	0.229	12/16/2018	12:14
23	J6403-41		1	2.51	100	7.88	1.86	0.015	0.015	0.000	-0.001	12/16/2018	12:14
24	J6403-45		1	2.53	100	7.74	1.73	0.011	0.011	0.000	-0.001	12/16/2018	12:15
25	J6403-49		1	2.52	100	7.65	2.11	0.013	0.013	0.000	-0.001	12/16/2018	12:15
26	J6403-53		1	2.51	100	7.17	2.31	0.010	0.010	0.000	-0.001	12/16/2018	12:16
27	CCV3	0.5	1	100	100		1.93	0.000	0.390	0.390	0.505	12/16/2018	12:16
28	CCB3		1	100	100		1.72	0.000	0.000	0.000	-0.001	12/16/2018	12:17
29	J6403-57		1	2.53	100	7.22	2.19	0.015	0.015	0.000	-0.001	12/16/2018	12:17
30	J6403-61		1	2.54	100	7.05	2.24	0.017	0.017	0.000	-0.001	12/16/2018	12:18
31	CCV4	0.5	1	100	100		1.88	0.000	0.390	0.390	0.505	12/16/2018	12:18
32	CCB4		1	100	100		2.24	0.000	0.000	0.000	-0.001	12/16/2018	12:19