

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95808

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65023
Calibration Std. hexchrome 0.05 ppm	WP65022
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP65025
Calibratation STD Hexa Chrome 0.5 PPM	WP65024
calibration std. hexchrome 0.01 ppm	WP65020
calibration std. hexchrome 0 ppm	WP65019
Hexavalent Chromium ICV Std.	WP65027
Hexavalent Chromium CCV Std	WP65026
hexavalent chromium color reagent	WP64916
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP65021

Intercept: 0.0004

Slope: 0.7688

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		2.10	0.000	0.000	0.000	06/04/2018	11:10
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	06/04/2018	11:10
3	CAL3	0.025	1	100	100		1.82	0.000	0.017	0.017	06/04/2018	11:11
4	CAL4	0.05	1	100	100		1.82	0.000	0.040	0.040	06/04/2018	11:11
5	CAL5	0.1	1	100	100		1.76	0.000	0.078	0.078	06/04/2018	11:12
6	CAL6	0.5	1	100	100		2.03	0.000	0.389	0.389	06/04/2018	11:12
7	CAL7	1	1	100	100		2.11	0.000	0.767	0.767	06/04/2018	11:13



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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		1.89	0.000	0.390	0.390	0.507	06/04/2018	11:13
2	ICB		1	100	100		1.72	0.000	0.000	0.000	-0.001	06/04/2018	11:14
3	CCV1	0.5	1	100	100		2.06	0.000	0.391	0.391	0.508	06/04/2018	13:09
4	CCB1		1	100	100		1.93	0.000	0.000	0.000	-0.001	06/04/2018	13:09
5	PB109946BL		1	2.51	100	7.19	2.17	0.000	0.000	0.000	-0.001	06/04/2018	13:09
6	PB109946BS	20	1	2.55	100	7.32	1.88	0.000	0.364	0.364	0.473	06/04/2018	13:10
7	J3271-01		1	2.51	100	7.45	1.72	0.022	0.022	0.000	-0.001	06/04/2018	13:10
8	J3271-03		1	2.53	100	7.69	2.15	0.019	0.019	0.000	-0.001	06/04/2018	13:11
9	J3271-05		1	2.54	100	7.71	2.33	0.016	0.016	0.000	-0.001	06/04/2018	13:11
10	J3271-07		1	2.50	100	7.23	1.71	0.026	0.026	0.000	-0.001	06/04/2018	13:12
11	J3277-03		1	2.51	100	7.88	2.10	0.013	0.013	0.000	-0.001	06/04/2018	13:12
12	J3286-01		1	2.53	100	7.06	1.60	0.018	0.018	0.000	-0.001	06/04/2018	13:13
13	J3286-03		1	2.54	100	7.78	2.17	0.012	0.012	0.000	-0.001	06/04/2018	13:13
14	J3286-05		1	2.55	100	7.53	1.60	0.015	0.015	0.000	-0.001	06/04/2018	13:14
15	CCV2	0.5	1	100	100		2.29	0.000	0.391	0.391	0.508	06/04/2018	13:14
16	CCB2		1	100	100		1.88	0.000	0.000	0.000	-0.001	06/04/2018	13:15
17	J3286-07		1	2.50	100	7.32	2.44	0.013	0.018	0.005	0.006	06/04/2018	13:15
18	J3286-07DUP		1	2.52	100	7.91	2.32	0.014	0.019	0.005	0.006	06/04/2018	13:16
19	J3286-07MSPre	40	2	2.53	100	7.30	1.60	0.015	0.349	0.334	0.434	06/04/2018	13:16
20	J3286-07MS2Ins	1284	40	2.50	100	7.28	2.30	0.011	0.603	0.592	0.770	06/04/2018	13:17
21	J3286-07MS3Post	40	2	2.53	100	7.66	2.15	0.016	0.351	0.335	0.435	06/04/2018	13:17
22	J3286-09		1	2.50	100	7.30	1.78	0.017	0.017	0.000	-0.001	06/04/2018	13:18
23	CCV3	0.5	1	100	100		2.12	0.000	0.391	0.391	0.508	06/04/2018	13:18
24	CCB3		1	100	100		2.46	0.000	0.000	0.000	-0.001	06/04/2018	13:19