

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93002

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61461
Calibration Std. hexchrome 0.05 ppm	WP61460
Calibratation STD HexaChrome 1 PPM	WP61478
Calibratation STD Hexa Chrome 0.5 PPM	WP61477
calibration std. hexchrome 0.01 ppm	WP61459
calibration std. hexchrome 0 ppm	WP61457
Hexavalent Chromium ICV Std.	WP61479
Hexavalent Chromium CCV Std	WP61480
hexavalent chromium color reagent	WP61240
HEX LOD STD, 0.005PPM	WP61482
HEX LOQ STD, 0.02PPM	WP61483
Calibration std Hexachrome, 0.025ppm	WP61458

Intercept: 0

Slope: 0.7648

Regression: 0.999984

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		2.45	0.000	0.000	0.000	01/30/2018	13:00
2	CAL2	0.01	1	100	100		1.59	0.000	0.008	0.008	01/30/2018	13:00
3	CAL3	0.025	1	100	100		2.36	0.000	0.016	0.016	01/30/2018	13:01
4	CAL4	0.05	1	100	100		2.04	0.000	0.039	0.039	01/30/2018	13:01
5	CAL5	0.1	1	100	100		1.77	0.000	0.078	0.078	01/30/2018	13:02
6	CAL6	0.5	1	100	100		1.93	0.000	0.384	0.384	01/30/2018	13:02
7	CAL7	1	1	100	100		2.19	0.000	0.764	0.764	01/30/2018	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		2.12	0.000	0.385	0.385	0.503	01/30/2018	13:03
2	ICB		1	100	100		2.40	0.000	0.000	0.000	0.000	01/30/2018	13:04
3	CCV1	0.5	1	100	100		1.87	0.000	0.386	0.386	0.505	01/30/2018	13:04
4	CCB1		1	100	100		1.93	0.000	0.000	0.000	0.000	01/30/2018	13:05
5	PB106201BL		1	2.50	100	7.22	2.06	0.000	0.000	0.000	0.000	01/30/2018	13:05
6	PB106201BS	20	1	2.54	100	7.07	2.35	0.000	0.362	0.362	0.473	01/30/2018	13:06
7	J1019-11		1	2.50	100	7.63	1.69	0.020	0.020	0.000	0.000	01/30/2018	13:06
8	J1019-11DUP		1	2.53	100	7.90	1.75	0.019	0.019	0.000	0.000	01/30/2018	13:07
9	J1019-11MSPre	40	2	2.52	100	7.85	2.10	0.021	0.168	0.147	0.192	01/30/2018	13:07
10	J1019-11MS2Ins	1284	40	2.53	100	7.14	1.77	0.018	0.612	0.594	0.777	01/30/2018	13:08
11	J1019-11MS3Post	40	2	2.51	100	7.06	1.91	0.023	0.214	0.191	0.250	01/30/2018	13:08
12	J1019-13		1	2.55	100	7.66	2.30	0.009	0.009	0.000	0.000	01/30/2018	13:09
13	J1022-10		1	2.51	100	7.77	2.24	0.024	0.024	0.000	0.000	01/30/2018	13:09
14	J1161-01		1	2.50	100	7.85	2.33	0.000	0.002	0.002	0.003	01/30/2018	13:10
15	CCV2	0.5	1	100	100		1.75	0.000	0.386	0.386	0.505	01/30/2018	13:10
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	01/30/2018	13:11
17	J1161-02		1	2.50	100	7.62	2.43	0.000	0.012	0.012	0.016	01/30/2018	13:11
18	J1161-03		1	2.51	100	7.39	2.19	0.000	0.003	0.003	0.004	01/30/2018	13:12
19	J1192-02		1	2.50	100	7.20	2.36	0.045	3.466	3.421	4.473	01/30/2018	13:12
20	J1338-01		1	2.52	100	7.25	1.60	0.017	0.017	0.000	0.000	01/30/2018	13:13
21	J1346-01		1	2.54	100	7.31	1.58	0.010	0.010	0.000	0.000	01/30/2018	13:13
22	J1361-01		1	2.55	100	7.44	2.31	0.032	0.032	0.000	0.000	01/30/2018	13:14
23	J1192-02		10	2.50	100	7.20	2.36	0.000	0.555	0.555	0.726	01/30/2018	13:14
24	CCV3	0.5	1	100	100		2.08	0.000	0.386	0.386	0.505	01/30/2018	13:15
25	CCB3		1	100	100		2.24	0.000	0.000	0.000	0.000	01/30/2018	13:15