

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87930

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55434
Calibration Std. hexchrome 0.05 ppm	WP55433
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55436
Calibratation STD Hexa Chrome 0.5 PPM	WP55435
calibration std. hexchrome 0.01 ppm	WP55430
calibration std. hexchrome 0 ppm	WP55429
Hexavalent Chromium ICV Std.	WP55437
Hexavalent Chromium CCV Std	WP55438
hexavalent chromium color reagent	WP55319
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55432

Intercept: 0.0001

Slope: 0.7807

Regression: 0.999956

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		2.01	0.000	0.000	0.000	06/07/2017	15:00
2	CAL2	0.01	1	100	100		2.45	0.000	0.006	0.006	06/07/2017	15:00
3	CAL3	0.025	1	100	100		1.56	0.000	0.018	0.018	06/07/2017	15:01
4	CAL4	0.05	1	100	100		2.30	0.000	0.039	0.039	06/07/2017	15:01
5	CAL5	0.1	1	100	100		1.77	0.000	0.079	0.079	06/07/2017	15:02
6	CAL6	0.5	1	100	100		1.80	0.000	0.396	0.396	06/07/2017	15:02
7	CAL7	1	1	100	100		2.34	0.000	0.778	0.778	06/07/2017	15:03



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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		2.17	0.000	0.392	0.392	0.502	06/07/2017	15:03
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.000	06/07/2017	15:04
3	CCV1	0.5	1	100	100		2.21	0.000	0.393	0.393	0.503	06/07/2017	15:04
4	CCB1		1	100	100		2.33	0.000	0.000	0.000	0.000	06/07/2017	15:05
5	PB99558BL		1	2.50	100	7.43	2.40	0.000	0.000	0.000	0.000	06/07/2017	15:05
6	PB99558BS	20	1	2.52	100	7.26	1.88	0.000	0.389	0.389	0.498	06/07/2017	15:06
7	I3469-01		1	2.55	100	7.16	2.34	0.018	0.018	0.000	0.000	06/07/2017	15:06
8	I3469-02		1	2.54	100	7.79	1.79	0.009	0.011	0.002	0.002	06/07/2017	15:07
9	I3469-03		1	2.53	100	7.46	1.94	0.028	0.028	0.000	0.000	06/07/2017	15:07
10	I3469-04		1	2.55	100	7.77	1.58	0.015	0.015	0.000	0.000	06/07/2017	15:08
11	I3469-10		1	2.53	100	7.91	1.71	0.017	0.017	0.000	0.000	06/07/2017	15:08
12	I3469-11		1	2.54	100	7.51	2.08	0.066	0.067	0.001	0.001	06/07/2017	15:09
13	I3469-12		1	2.51	100	7.30	2.46	0.020	0.020	0.000	0.000	06/07/2017	15:09
14	I3469-13		1	2.55	100	7.25	2.39	0.052	0.052	0.000	0.000	06/07/2017	15:10
15	CCV2	0.5	1	100	100		1.69	0.000	0.393	0.393	0.503	06/07/2017	15:10
16	CCB2		1	100	100		2.13	0.000	0.000	0.000	0.000	06/07/2017	15:11
17	I3488-01		1	2.52	100	7.39	1.66	0.006	0.007	0.001	0.001	06/07/2017	15:11
18	I3488-04		1	2.54	100	7.14	1.85	0.004	0.004	0.000	0.000	06/07/2017	15:12
19	I3488-07		1	2.53	100	7.16	1.93	0.011	0.011	0.000	0.000	06/07/2017	15:12
20	I3488-10		1	2.52	100	7.28	2.07	0.008	0.008	0.000	0.000	06/07/2017	15:13
21	I3488-13		1	2.51	100	7.48	2.20	0.002	0.002	0.000	0.000	06/07/2017	15:13
22	I3488-13DUP		1	2.52	100	7.16	2.33	0.003	0.003	0.000	0.000	06/07/2017	15:14
23	I3488-13MSPre	40	2	2.50	100	7.04	2.16	0.004	0.349	0.345	0.442	06/07/2017	15:14
24	I3488-13MS2Ins	1284	40	2.53	100	7.09	1.77	0.006	0.628	0.622	0.797	06/07/2017	15:15
25	I3488-13MS3Post	40	2	2.55	100	7.22	1.54	0.005	0.357	0.352	0.451	06/07/2017	15:15
26	I3500-01		1	2.50	100	7.38	1.62	0.008	0.010	0.002	0.002	06/07/2017	15:16
27	CCV3	0.5	1	100	100		2.42	0.000	0.394	0.394	0.505	06/07/2017	15:16
28	CCB3		1	100	100		1.93	0.000	0.000	0.000	0.000	06/07/2017	15:17
29	I3506-01		1	2.52	100	7.44	2.36	0.012	0.012	0.000	0.000	06/07/2017	15:17
30	CCV4	0.5	1	100	100		1.91	0.000	0.394	0.394	0.505	06/07/2017	15:18
31	CCB4		1	100	100		1.96	0.000	0.000	0.000	0.000	06/07/2017	15:18