

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: AMANDEEP

Run Number: LB97636

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67429
Calibration Std. hexchrome 0.05 ppm	WP67428
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67431
Calibratation STD Hexa Chrome 0.5 PPM	WP67430
calibration std. hexchrome 0.01 ppm	WP67426
calibration std. hexchrome 0 ppm	WP67425
Hexavalent Chromium ICV Std.	WP67432
Hexavalent Chromium CCV Std	WP67433
hexavalent chromium color reagent	WP67424
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67427

Intercept: 0.0002

Slope: 0.7691

Regression: 0.999991

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		2.32	0.000	0.000	0.000	08/30/2018	12:00
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	08/30/2018	12:00
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	08/30/2018	12:01
4	CAL4	0.05	1	100	100		1.93	0.000	0.040	0.040	08/30/2018	12:01
5	CAL5	0.1	1	100	100		2.36	0.000	0.078	0.078	08/30/2018	12:02
6	CAL6	0.5	1	100	100		2.27	0.000	0.385	0.385	08/30/2018	12:02
7	CAL7	1	1	100	100		1.79	0.000	0.769	0.769	08/30/2018	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		1.77	0.000	0.386	0.386	0.502	08/30/2018	12:03
2	ICB		1	100	100		1.86	0.000	0.000	0.000	0.000	08/30/2018	12:04
3	CCV1	0.5	1	100	100		2.03	0.000	0.386	0.386	0.502	08/30/2018	12:04
4	CCB1		1	100	100		2.21	0.000	0.000	0.000	0.000	08/30/2018	12:05
5	PB112502BL		1	2.50	100	7.23	1.97	0.000	0.000	0.000	0.000	08/30/2018	12:05
6	PB112502BS	20	1	2.54	100	7.44	2.10	0.000	0.369	0.369	0.480	08/30/2018	12:06
7	J4275-19		1	2.51	100	7.69	2.44	0.033	0.033	0.000	0.000	08/30/2018	12:06
8	J4275-21		1	2.54	100	7.12	1.76	0.030	0.030	0.000	0.000	08/30/2018	12:07
9	J4282-15		1	2.52	100	7.88	1.59	0.094	0.094	0.000	0.000	08/30/2018	12:07
10	J4282-17		1	2.50	100	7.16	2.85	0.100	0.100	0.000	0.000	08/30/2018	12:08
11	J4282-19		1	2.55	100	7.20	2.16	0.027	0.027	0.000	0.000	08/30/2018	12:08
12	J4699-01		1	2.53	100	7.33	2.44	0.004	0.008	0.004	0.005	08/30/2018	12:09
13	J4699-01DUP		1	2.55	100	7.41	2.20	0.005	0.009	0.004	0.005	08/30/2018	12:09
14	J4699-01MSPre	40	2	2.51	100	7.75	1.94	0.007	0.356	0.349	0.454	08/30/2018	12:10
15	CCV2	0.5	1	100	100		1.57	0.000	0.387	0.387	0.503	08/30/2018	12:10
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	08/30/2018	12:11
17	J4699-01MS2Ins	1284	40	2.51	100	7.16	2.40	0.006	0.549	0.543	0.706	08/30/2018	12:11
18	J4699-01MS3Post	40	2	2.51	100	7.34	1.63	0.008	0.358	0.350	0.455	08/30/2018	12:12
19	J4699-04		1	2.52	100	7.40	1.59	0.160	0.161	0.001	0.001	08/30/2018	12:12
20	J4702-01		1	2.55	100	7.55	2.18	0.020	0.020	0.000	0.000	08/30/2018	12:13
21	CCV3	0.5	1	100	100		2.44	0.000	0.387	0.387	0.503	08/30/2018	12:13
22	CCB3		1	100	100		1.69	0.000	0.000	0.000	0.000	08/30/2018	12:14