

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101648

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72987
Calibratation STD Hexa Chrome 0.5 PPM	WP72988
Calibration Std. hexchrome 0.1 ppm	WP73026
Calibration Std. hexchrome 0.05 ppm	WP73025
calibration std. hexchrome 0.01 ppm	WP73023
calibration std. hexchrome 0 ppm	WP73022
Hexavalent Chromium ICV Std.	WP73027
Hexavalent Chromium CCV Std	WP73028
hexavalent chromium color reagent	WP72761
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73024
HNO3 Hex-Chrome, 5M	WP70045

Intercept: -0.0001

Slope: 0.7725

Regression: 0.999985

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		2.41	0.000	0.000	0.000	03/27/2019	11:30
2	CAL2	0.01	1	100	100		2.30	0.000	0.008	0.008	03/27/2019	11:30
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	03/27/2019	11:31
4	CAL4	0.05	1	100	100		1.49	0.000	0.039	0.039	03/27/2019	11:31
5	CAL5	0.1	1	100	100		2.06	0.000	0.077	0.077	03/27/2019	11:32
6	CAL6	0.5	1	100	100		2.47	0.000	0.389	0.389	03/27/2019	11:32
7	CAL7	1	1	100	100		2.33	0.000	0.771	0.771	03/27/2019	11:33



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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		2.34	0.000	0.389	0.389	0.504	03/27/2019	11:33
2	ICB		1	100	100		1.70	0.000	0.000	0.000	0.000	03/27/2019	11:34
3	CCV1	0.5	1	100	100		1.82	0.000	0.391	0.391	0.506	03/27/2019	11:34
4	CCB1		1	100	100		2.46	0.000	0.000	0.000	0.000	03/27/2019	11:35
5	PB118230BL		1	2.50	100	7.22	2.10	0.000	0.000	0.000	0.000	03/27/2019	11:35
6	PB118230BS	20	1	2.50	100	7.39	2.17	0.000	0.381	0.381	0.493	03/27/2019	11:36
7	K1987-01		1	2.50	100	7.11	1.81	0.050	0.050	0.000	0.000	03/27/2019	11:36
8	K1987-02		1	2.51	100	7.54	2.04	0.045	0.045	0.000	0.000	03/27/2019	11:37
9	K1987-03		1	2.53	100	7.69	2.34	0.048	0.048	0.000	0.000	03/27/2019	11:37
10	K1987-04		1	2.54	100	7.24	2.14	0.054	0.054	0.000	0.000	03/27/2019	11:35
11	K1987-05		1	2.51	100	7.90	1.87	0.061	0.061	0.000	0.000	03/27/2019	11:35
12	K1987-06		1	2.52	100	7.10	1.77	0.044	0.044	0.000	0.000	03/27/2019	11:35
13	K2058-01		1	2.54	100	7.69	2.41	0.006	0.006	0.000	0.000	03/27/2019	11:36
14	K2058-01DUP		1	2.53	100	7.11	2.10	0.007	0.007	0.000	0.000	03/27/2019	11:36
15	CCV2	0.5	1	100	100		2.02	0.000	0.393	0.393	0.509	03/27/2019	11:37
16	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	03/27/2019	11:37
17	K2058-01MSPre	40	2	2.51	100	7.28	1.97	0.010	0.373	0.363	0.470	03/27/2019	11:38
18	K2058-01MS2Ins	1284	40	2.50	100	7.69	1.99	0.009	0.610	0.601	0.778	03/27/2019	11:38
19	K2058-01MS3Post	40	2	2.52	100	7.41	2.20	0.010	0.378	0.368	0.477	03/27/2019	11:39
20	K2058-03		1	2.54	100	7.25	2.11	0.006	0.006	0.000	0.000	03/27/2019	11:39
21	K2061-01		1	2.55	100	7.44	2.30	0.011	0.011	0.000	0.000	03/27/2019	11:40
22	K2071-01		1	2.51	100	7.69	1.90	0.004	0.004	0.000	0.000	03/27/2019	11:40
23	K2078-01		1	2.53	100	7.41	1.87	0.007	0.007	0.000	0.000	03/27/2019	11:41
24	K2078-03		1	2.54	100	7.44	2.05	0.005	0.005	0.000	0.000	03/27/2019	11:41
25	CCV3	0.5	1	100	100		2.17	0.000	0.393	0.393	0.509	03/27/2019	11:42
26	CCB3		1	100	100		1.66	0.000	0.000	0.000	0.000	03/27/2019	11:42