

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100513

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71244
Calibration Std. hexchrome 0.05 ppm	WP71243
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71246
Calibratation STD Hexa Chrome 0.5 PPM	WP71245
calibration std. hexchrome 0.01 ppm	WP71241
calibration std. hexchrome 0 ppm	WP71240
Hexavalent Chromium ICV Std.	WP71247
Hexavalent Chromium CCV Std	WP71249
hexavalent chromium color reagent	WP71145
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71242

Intercept: 0

Slope: 0.7721

Regression: 0.999986

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		2.13	0.000	0.000	0.000	01/28/2019	13:30
2	CAL2	0.01	1	100	100		1.91	0.000	0.008	0.008	01/28/2019	13:30
3	CAL3	0.025	1	100	100		2.25	0.000	0.017	0.017	01/28/2019	13:31
4	CAL4	0.05	1	100	100		2.30	0.000	0.038	0.038	01/28/2019	13:31
5	CAL5	0.1	1	100	100		2.46	0.000	0.079	0.079	01/28/2019	13:32
6	CAL6	0.5	1	100	100		1.78	0.000	0.388	0.388	01/28/2019	13:32
7	CAL7	1	1	100	100		1.93	0.000	0.771	0.771	01/28/2019	13:33



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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		2.22	0.000	0.391	0.391	0.506	01/28/2019	13:33
2	ICB		1	100	100		1.71	0.000	0.000	0.000	0.000	01/28/2019	13:34
3	CCV1	0.5	1	100	100		2.06	0.000	0.391	0.391	0.506	01/28/2019	13:34
4	CCB1		1	100	100		1.84	0.000	0.000	0.000	0.000	01/28/2019	13:35
5	PB116674BL		1	2.53	100	7.85	2.38	0.000	0.000	0.000	0.000	01/28/2019	13:35
6	PB116674BS	20	1	2.52	100	7.53	2.22	0.000	0.379	0.379	0.491	01/28/2019	13:36
7	K1011-09		1	2.50	100	7.44	1.65	0.027	0.027	0.000	0.000	01/28/2019	13:36
8	K1011-11		1	2.52	100	7.69	1.54	0.024	0.024	0.000	0.000	01/28/2019	13:37
9	K1250-02		1	2.55	100	7.23	1.83	0.017	0.017	0.000	0.000	01/28/2019	13:38
10	K1254-01		1	2.52	100	7.17	2.10	0.013	0.013	0.000	0.000	01/28/2019	13:38
11	K1254-03		1	2.54	100	7.05	2.40	0.009	0.009	0.000	0.000	01/28/2019	13:39
12	K1255-01		1	2.53	100	7.90	1.60	0.010	0.010	0.000	0.000	01/28/2019	13:39
13	K1258-01		1	2.55	100	7.84	1.75	0.011	0.011	0.000	0.000	01/28/2019	13:40
14	K1258-01DUP		1	2.50	100	7.53	2.42	0.011	0.011	0.000	0.000	01/28/2019	13:40
15	CCV2	0.5	1	100	100		2.36	0.000	0.391	0.391	0.506	01/28/2019	13:41
16	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	01/28/2019	13:41
17	K1258-01MSPre	40	2	2.51	100	7.11	1.95	0.013	0.359	0.346	0.448	01/28/2019	13:42
18	K1258-01MS2Ins	1284	40	2.54	100	7.05	2.07	0.010	0.598	0.588	0.762	01/28/2019	13:42
19	K1258-01MS3Post	40	2	2.53	100	7.17	2.17	0.015	0.365	0.350	0.453	01/28/2019	13:43
20	K1259-01		1	2.50	100	7.36	2.33	0.008	0.008	0.000	0.000	01/28/2019	13:43
21	K1261-01		1	2.51	100	7.45	1.81	0.031	0.031	0.000	0.000	01/28/2019	13:44
22	K1261-03		1	2.55	100	7.90	1.66	0.005	0.005	0.000	0.000	01/28/2019	13:44
23	CCV3	0.5	1	100	100		2.25	0.000	0.392	0.392	0.508	01/28/2019	13:45
24	CCB3		1	100	100		2.32	0.000	0.000	0.000	0.000	01/28/2019	13:45