



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100645

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71392
Calibration Std. hexchrome 0.05 ppm	WP71391
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71394
Calibratation STD Hexa Chrome 0.5 PPM	WP71393
calibration std. hexchrome 0.01 ppm	WP71389
calibration std. hexchrome 0 ppm	WP71388
Hexavalent Chromium ICV Std.	WP71395
Hexavalent Chromium CCV Std	WP71396
hexavalent chromium color reagent	WP71322
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71390

Intercept: 0.0004

Slope: 0.7717

Regression: 0.999968

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		2.10	0.000	0.000	0.000	02/04/2019	14:30
2	CAL2	0.01	1	100	100		1.76	0.000	0.007	0.007	02/04/2019	14:30
3	CAL3	0.025	1	100	100		2.30	0.000	0.017	0.017	02/04/2019	14:31
4	CAL4	0.05	1	100	100		2.44	0.000	0.039	0.039	02/04/2019	14:31
5	CAL5	0.1	1	100	100		1.59	0.000	0.080	0.080	02/04/2019	14:32
6	CAL6	0.5	1	100	100		1.80	0.000	0.390	0.390	02/04/2019	14:32
7	CAL7	1	1	100	100		2.05	0.000	0.770	0.770	02/04/2019	14:33

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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		2.28	0.000	0.392	0.392	0.507	02/04/2019	14:33
2	ICB		1	100	100		2.40	0.000	0.000	0.000	-0.001	02/04/2019	14:34
3	CCV1	0.5	1	100	100		2.37	0.000	0.392	0.392	0.507	02/04/2019	14:34
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	-0.001	02/04/2019	14:35
5	PB116783BL		1	2.53	100	7.31	1.64	0.000	0.000	0.000	-0.001	02/04/2019	14:35
6	PB116783BS	20	1	2.50	100	7.25	1.72	0.000	0.376	0.376	0.487	02/04/2019	14:36
7	K1284-01		1	2.50	100	7.12	1.85	0.009	0.009	0.000	-0.001	02/04/2019	14:36
8	K1312-01		1	2.55	100	7.69	2.23	0.007	0.007	0.000	-0.001	02/04/2019	14:37
9	K1312-01DUP		1	2.52	100	7.77	2.35	0.008	0.008	0.000	-0.001	02/04/2019	14:37
10	K1312-01MSPre	40	2	2.53	100	7.60	2.18	0.009	0.368	0.359	0.465	02/04/2019	14:38
11	K1312-01MS2Ins	1284	40	2.51	100	7.43	1.90	0.006	0.614	0.608	0.787	02/04/2019	14:38
12	K1312-01MS3Post	40	2	2.50	100	7.25	1.78	0.010	0.370	0.360	0.466	02/04/2019	14:39
13	K1360-01		1	2.55	100	7.81	1.65	0.012	0.012	0.000	-0.001	02/04/2019	14:39
14	K1360-03		1	2.54	100	7.63	2.31	0.019	0.019	0.000	-0.001	02/04/2019	14:40
15	CCV2	0.5	1	100	100		2.24	0.000	0.392	0.392	0.507	02/04/2019	14:40
16	CCB2		1	100	100		1.66	0.000	0.000	0.000	-0.001	02/04/2019	14:41
17	K1361-01		1	2.52	100	7.22	1.72	0.012	0.012	0.000	-0.001	02/04/2019	15:27
18	K1362-01		1	2.54	100	7.10	1.93	0.010	0.010	0.000	-0.001	02/04/2019	14:42
19	CCV3	0.5	1	100	100		2.16	0.000	0.393	0.393	0.509	02/04/2019	14:42
20	CCB3		1	100	100		1.95	0.000	0.000	0.000	-0.001	02/04/2019	14:43