

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100573

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71316
Calibration Std. hexchrome 0.05 ppm	WP71315
5N sulfuric acid	WP70044
Calibration STD HexaChrome 1 PPM	WP71318
Calibration STD Hexa Chrome 0.5 PPM	WP71317
calibration std. hexchrome 0.01 ppm	WP71313
calibration std. hexchrome 0 ppm	WP71310
Hexavalent Chromium ICV Std.	WP71319
Hexavalent Chromium CCV Std	WP71320
hexavalent chromium color reagent	WP71322
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71314

Intercept: 0.0006

Slope: 0.7714

Regression: 0.999975

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		1.88	0.000	0.000	0.000	01/31/2019	13:50
2	CAL2	0.01	1	100	100		2.06	0.000	0.007	0.007	01/31/2019	13:50
3	CAL3	0.025	1	100	100		2.18	0.000	0.018	0.018	01/31/2019	13:51
4	CAL4	0.05	1	100	100		1.69	0.000	0.040	0.040	01/31/2019	13:51
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	01/31/2019	13:52
6	CAL6	0.5	1	100	100		1.39	0.000	0.390	0.390	01/31/2019	13:52
7	CAL7	1	1	100	100		2.11	0.000	0.770	0.770	01/31/2019	13:53



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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		2.14	0.000	0.392	0.392	0.507	01/31/2019	13:53
2	ICB		1	100	100		1.95	0.000	0.000	0.000	-0.001	01/31/2019	13:54
3	CCV1	0.5	1	100	100		1.84	0.000	0.392	0.392	0.507	01/31/2019	13:54
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	-0.001	01/31/2019	13:55
5	PB116738BL		1	2.50	100	7.31	2.34	0.000	0.000	0.000	-0.001	01/31/2019	13:55
6	PB116738BS	20	1	2.51	100	7.60	1.76	0.000	0.378	0.378	0.489	01/31/2019	13:56
7	K1282-01		1	2.55	100	7.44	2.21	0.018	0.018	0.000	-0.001	01/31/2019	13:56
8	K1282-05		1	2.53	100	7.18	1.67	0.013	0.013	0.000	-0.001	01/31/2019	13:57
9	K1282-09		1	2.55	100	7.63	1.58	0.011	0.011	0.000	-0.001	01/31/2019	13:57
10	K1282-13		1	2.52	100	7.91	2.10	0.009	0.009	0.000	-0.001	01/31/2019	13:58
11	K1282-17		1	2.54	100	7.62	2.36	0.012	0.012	0.000	-0.001	01/31/2019	13:58
12	K1282-21		1	2.52	100	7.15	1.98	0.015	0.015	0.000	-0.001	01/31/2019	13:59
13	K1282-25		1	2.50	100	7.40	2.07	0.017	0.017	0.000	-0.001	01/31/2019	13:59
14	K1282-29		1	2.51	100	7.50	2.41	0.007	0.007	0.000	-0.001	01/31/2019	14:00
15	CCV2	0.5	1	100	100		1.72	0.000	0.393	0.393	0.509	01/31/2019	14:00
16	CCB2		1	100	100		1.55	0.000	0.000	0.000	-0.001	01/31/2019	14:01
17	K1282-29DUP		1	2.53	100	7.81	1.62	0.008	0.008	0.000	-0.001	01/31/2019	14:01
18	K1282-29MSPre	40	2	2.52	100	7.34	2.18	0.009	0.359	0.350	0.453	01/31/2019	14:02
19	K1282-29MS2Ins	1284	40	2.54	100	7.45	2.40	0.007	0.588	0.581	0.752	01/31/2019	14:02
20	K1282-29MS3Post	40	2	2.51	100	7.20	1.62	0.010	0.361	0.351	0.454	01/31/2019	14:03
21	K1292-01		1	2.53	100	7.05	2.08	0.005	0.005	0.000	-0.001	01/31/2019	14:03
22	CCV3	0.5	1	100	100		2.21	0.000	0.392	0.392	0.507	01/31/2019	14:04
23	CCB3		1	100	100		2.41	0.000	0.000	0.000	-0.001	01/31/2019	14:04