

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100667

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71427
Calibration Std. hexchrome 0.05 ppm	WP71426
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71429
Calibratation STD Hexa Chrome 0.5 PPM	WP71428
calibration std. hexchrome 0.01 ppm	WP71424
calibration std. hexchrome 0 ppm	WP71422
Hexavalent Chromium ICV Std.	WP71430
Hexavalent Chromium CCV Std	WP71431
hexavalent chromium color reagent	WP71322
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71425

Intercept: 0.0003

Slope: 0.7713

Regression: 0.999979

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		2.16	0.000	0.000	0.000	02/05/2019	14:30
2	CAL2	0.01	1	100	100		1.77	0.000	0.008	0.008	02/05/2019	14:30
3	CAL3	0.025	1	100	100		1.63	0.000	0.017	0.017	02/05/2019	14:31
4	CAL4	0.05	1	100	100		2.09	0.000	0.039	0.039	02/05/2019	14:31
5	CAL5	0.1	1	100	100		2.38	0.000	0.079	0.079	02/05/2019	14:32
6	CAL6	0.5	1	100	100		2.14	0.000	0.389	0.389	02/05/2019	14:32
7	CAL7	1	1	100	100		1.95	0.000	0.770	0.770	02/05/2019	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		1.71	0.000	0.391	0.391	0.507	02/05/2019	14:33
2	ICB		1	100	100		1.69	0.000	0.000	0.000	0.000	02/05/2019	14:34
3	CCV1	0.5	1	100	100		2.07	0.000	0.391	0.391	0.507	02/05/2019	14:34
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	0.000	02/05/2019	14:35
5	PB116854BL		1	2.52	100	7.23	1.85	0.000	0.000	0.000	0.000	02/05/2019	14:35
6	PB116854BS	20	1	2.50	100	7.32	2.44	0.000	0.378	0.378	0.490	02/05/2019	14:36
7	K1341-01		1	2.51	100	7.10	2.25	0.016	0.016	0.000	0.000	02/05/2019	14:36
8	K1341-01DUP		1	2.53	100	7.62	1.92	0.015	0.015	0.000	0.000	02/05/2019	14:37
9	K1341-01MSPre	40	2	2.50	100	7.80	1.74	0.017	0.366	0.349	0.452	02/05/2019	14:37
10	K1341-01MS2Ins	1284	40	2.55	100	7.41	2.31	0.014	0.623	0.609	0.789	02/05/2019	14:38
11	K1341-01MS3Post	40	2	2.54	100	7.39	2.06	0.018	0.369	0.351	0.455	02/05/2019	14:38
12	K1341-03		1	2.50	100	7.25	1.99	0.019	0.019	0.000	0.000	02/05/2019	14:39
13	K1341-05		1	2.52	100	7.36	1.77	0.022	0.022	0.000	0.000	02/05/2019	14:39
14	K1346-01		1	2.50	100	7.66	2.03	0.017	0.017	0.000	0.000	02/05/2019	14:40
15	CCV2	0.5	1	100	100		2.46	0.000	0.392	0.392	0.508	02/05/2019	14:40
16	CCB2		1	100	100		1.82	0.000	0.000	0.000	0.000	02/05/2019	14:41
17	K1346-03		1	2.51	100	7.21	1.74	0.014	0.014	0.000	0.000	02/05/2019	14:41
18	K1346-05		1	2.53	100	7.19	2.09	0.018	0.018	0.000	0.000	02/05/2019	14:42
19	K1350-01		1	2.55	100	7.14	2.32	0.012	0.012	0.000	0.000	02/05/2019	14:42
20	K1350-03		1	2.54	100	7.04	2.40	0.008	0.008	0.000	0.000	02/05/2019	14:43
21	CCV3	0.5	1	100	100		1.82	0.000	0.392	0.392	0.508	02/05/2019	14:43
22	CCB3		1	100	100		1.70	0.000	0.000	0.000	0.000	02/05/2019	14:44