

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101116

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72146
Calibratation STD Hexa Chrome 0.5 PPM	WP72141
Calibration Std. hexchrome 0.1 ppm	WP72140
Calibration Std. hexchrome 0.05 ppm	WP72139
calibration std. hexchrome 0.01 ppm	WP72137
calibration std. hexchrome 0 ppm	WP72133
Hexavalent Chromium ICV Std.	WP72142
Hexavalent Chromium CCV Std	WP72143
hexavalent chromium color reagent	WP72145
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72138
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0007

Slope: 0.7729

Regression: 0.999957

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		2.11	0.000	0.000	0.000	03/01/2019	16:30
2	CAL2	0.01	1	100	100		1.90	0.000	0.008	0.008	03/01/2019	16:30
3	CAL3	0.025	1	100	100		1.90	0.000	0.017	0.017	03/01/2019	16:31
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	03/01/2019	16:31
5	CAL5	0.1	1	100	100		1.57	0.000	0.080	0.080	03/01/2019	16:32
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	03/01/2019	16:32
7	CAL7	1	1	100	100		2.11	0.000	0.771	0.771	03/01/2019	16:33



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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		1.63	0.000	0.393	0.393	0.508	03/01/2019	16:33
2	ICB		1	100	100		1.81	0.000	0.000	0.000	-0.001	03/01/2019	16:34
3	CCV1	0.5	1	100	100		2.06	0.000	0.393	0.393	0.508	03/01/2019	16:34
4	CCB1		1	100	100		2.28	0.000	0.000	0.000	-0.001	03/01/2019	16:35
5	PB117546BL		1	2.50	100	7.20	2.38	0.000	0.000	0.000	-0.001	03/01/2019	16:35
6	PB117546BS	20	1	2.51	100	7.93	1.94	0.000	0.387	0.387	0.500	03/01/2019	16:36
7	K1665-01		1	2.52	100	7.12	1.75	0.050	0.050	0.000	-0.001	03/01/2019	16:36
8	K1665-03		1	2.53	100	7.30	2.16	0.039	0.039	0.000	-0.001	03/01/2019	16:37
9	K1665-05		1	2.56	100	7.64	2.32	0.042	0.042	0.000	-0.001	03/01/2019	16:37
10	K1665-07		1	2.55	100	7.10	1.88	0.036	0.036	0.000	-0.001	03/01/2019	16:38
11	K1669-01		1	2.54	100	7.25	2.07	0.032	0.032	0.000	-0.001	03/01/2019	16:38
12	K1669-03		1	2.51	100	7.07	1.78	0.030	0.030	0.000	-0.001	03/01/2019	16:39
13	K1670-01		1	2.54	100	7.78	2.30	0.035	0.035	0.000	-0.001	03/01/2019	16:39
14	K1670-03		1	2.55	100	7.56	1.90	0.029	0.029	0.000	-0.001	03/01/2019	16:40
15	CCV2	0.5	1	100	100		2.13	0.000	0.393	0.393	0.508	03/01/2019	16:40
16	CCB2		1	100	100		1.92	0.000	0.000	0.000	-0.001	03/01/2019	16:41
17	K1671-01		1	2.50	100	7.39	1.57	0.005	0.017	0.012	0.015	03/01/2019	16:41
18	K1671-01DUP		1	2.53	100	7.30	2.20	0.006	0.018	0.012	0.015	03/01/2019	16:42
19	K1671-01MSPre	40	2	2.54	100	7.24	2.41	0.007	0.380	0.373	0.482	03/01/2019	16:42
20	K1671-01MS2Ins	1284	40	2.51	100	7.16	2.08	0.005	0.630	0.625	0.808	03/01/2019	16:43
21	K1671-01MS3Post	40	2	2.52	100	7.23	1.77	0.008	0.385	0.377	0.487	03/01/2019	16:43
22	K1672-01		1	2.53	100	7.12	1.52	0.028	0.028	0.000	-0.001	03/01/2019	16:44
23	K1672-03		1	2.55	100	7.47	2.06	0.031	0.031	0.000	-0.001	03/01/2019	16:44
24	CCV3	0.5	1	100	100		2.01	0.000	0.394	0.394	0.509	03/01/2019	16:45
25	CCB3		1	100	100		2.40	0.000	0.000	0.000	-0.001	03/01/2019	16:45