

Analytical Summary Report

Analysis Method: 7196A

ANALYST: indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102034

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73555
Calibratation STD Hexa Chrome 0.5 PPM	WP73553
Calibration Std. hexchrome 0.1 ppm	WP73552
Calibration Std. hexchrome 0.05 ppm	WP73550
calibration std. hexchrome 0.01 ppm	WP73547
calibration std. hexchrome 0 ppm	WP73540
Hexavalent Chromium ICV Std.	WP73556
Hexavalent Chromium CCV Std	WP73557
hexavalent chromium color reagent	WP73561
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73549
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0003

Slope: 0.7714

Regression: 0.999989

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	04/11/2019	15:30
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	04/11/2019	15:30
3	CAL3	0.025	1	100	100		1.71	0.000	0.018	0.018	04/11/2019	15:31
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	04/11/2019	15:31
5	CAL5	0.1	1	100	100		2.29	0.000	0.080	0.080	04/11/2019	15:32
6	CAL6	0.5	1	100	100		2.44	0.000	0.387	0.387	04/11/2019	15:32
7	CAL7	1	1	100	100		1.93	0.000	0.771	0.771	04/11/2019	15:33



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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		1.77	0.000	0.392	0.392	0.508	04/11/2019	15:33
2	ICB		1	100	100		2.30	0.000	0.000	0.000	0.000	04/11/2019	15:34
3	CCV1	0.5	1	100	100		2.41	0.000	0.392	0.392	0.508	04/11/2019	15:34
4	CCB1		1	100	100		1.55	0.000	0.000	0.000	0.000	04/11/2019	15:35
5	PB118824BL		1	2.50	100	7.23	1.67	0.000	0.000	0.000	0.000	04/11/2019	15:35
6	PB118824BS	20	1	2.51	100	7.11	1.94	0.000	0.380	0.380	0.492	04/11/2019	15:36
7	K2342-03		1	2.50	100	7.63	1.82	0.050	0.050	0.000	0.000	04/11/2019	15:36
8	K2342-07		1	2.55	100	7.20	2.05	0.061	0.061	0.000	0.000	04/11/2019	15:37
9	K2342-11		1	2.52	100	7.40	2.17	0.042	0.042	0.000	0.000	04/11/2019	15:37
10	K2342-15		1	2.54	100	7.66	1.59	0.036	0.036	0.000	0.000	04/11/2019	15:38
11	K2343-03		1	2.52	100	7.14	2.18	0.007	0.009	0.002	0.002	04/11/2019	15:38
12	K2343-07		1	2.51	100	7.08	2.43	0.010	0.014	0.004	0.005	04/11/2019	15:39
13	K2355-03		1	2.54	100	7.02	1.98	0.013	0.017	0.004	0.005	04/11/2019	15:39
14	K2358-03		1	2.50	100	7.91	1.66	0.018	0.023	0.005	0.006	04/11/2019	15:40
15	CCV2	0.5	1	100	100		2.06	0.000	0.393	0.393	0.509	04/11/2019	15:40
16	CCB2		1	100	100		2.18	0.000	0.000	0.000	0.000	04/11/2019	15:41
17	K2358-07		1	2.55	100	7.10	1.66	0.029	0.029	0.000	0.000	04/11/2019	15:41
18	K2358-11		1	2.51	100	7.16	2.20	0.015	0.015	0.000	0.000	04/11/2019	15:42
19	K2358-15		1	2.50	100	7.04	1.70	0.066	0.066	0.000	0.000	04/11/2019	15:42
20	K2360-01		1	2.54	100	7.40	1.88	0.007	0.007	0.000	0.000	04/11/2019	15:43
21	K2360-01DUP		1	2.52	100	7.51	2.35	0.008	0.008	0.000	0.000	04/11/2019	15:43
22	K2360-01MSPre	40	2	2.53	100	7.27	2.42	0.008	0.369	0.361	0.468	04/11/2019	15:44
23	K2360-01MS2Ins	1284	40	2.54	100	7.33	2.31	0.006	0.621	0.615	0.797	04/11/2019	15:44
24	K2360-01MS3Post	40	2	2.52	100	7.63	1.62	0.010	0.378	0.368	0.477	04/11/2019	15:45
25	CCV3	0.5	1	100	100		1.98	0.000	0.393	0.393	0.509	04/11/2019	15:45
26	CCB3		1	100	100		2.07	0.000	0.000	0.000	0.000	04/11/2019	15:46