

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101620

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72987
Calibratation STD Hexa Chrome 0.5 PPM	WP72988
Calibration Std. hexchrome 0.1 ppm	WP72981
Calibration Std. hexchrome 0.05 ppm	WP72982
calibration std. hexchrome 0.01 ppm	WP72983
calibration std. hexchrome 0 ppm	WP72984
Hexavalent Chromium ICV Std.	WP72990
Hexavalent Chromium CCV Std	WP72989
hexavalent chromium color reagent	WP72761
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72985
HNO3 Hex-Chrome, 5M	WP70045

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		1.56	0.000	0.000	0.000	03/26/2019	11:37
2	CAL2	0.01	1	100	100		1.65	0.000	0.007	0.007	03/26/2019	11:38
3	CAL3	0.025	1	100	100		1.55	0.000	0.017	0.017	03/26/2019	11:38
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	03/26/2019	11:39
5	CAL5	0.1	1	100	100		1.81	0.000	0.080	0.080	03/26/2019	11:39
6	CAL6	0.5	1	100	100		1.65	0.000	0.390	0.390	03/26/2019	11:40
7	CAL7	1	1	100	100		1.72	0.000	0.770	0.770	03/26/2019	11:40

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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		1.99	0.000	0.392	0.392	0.507	03/26/2019	12:00
2	ICB		1	100	100		1.55	0.000	0.000	0.000	-0.001	03/26/2019	12:00
3	CCV1	0.5	1	100	100		1.84	0.000	0.392	0.392	0.507	03/26/2019	13:01
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	-0.001	03/26/2019	13:01
5	PB118287BL		1	2.52	100	7.23	1.60	0.000	0.000	0.000	-0.001	03/26/2019	13:02
6	PB118287BS	20	1	2.53	100	7.85	1.70	0.000	0.378	0.378	0.489	03/26/2019	13:02
7	K1693-13		1	2.50	100	7.12	1.90	0.007	0.007	0.000	-0.001	03/26/2019	13:03
8	K1693-13DUP		1	2.51	100	7.25	1.88	0.006	0.006	0.000	-0.001	03/26/2019	13:03
9	K1693-13MSPre	40	2	2.52	100	7.54	1.78	0.012	0.380	0.368	0.476	03/26/2019	13:04
10	K1693-13MS2Ins	1284	40	2.54	100	7.50	1.85	0.010	0.588	0.578	0.748	03/26/2019	13:04
11	K1693-13MS3Post	40	2	2.50	100	7.10	2.01	0.000	0.384	0.384	0.497	03/26/2019	13:05
12	K1693-15		1	2.52	100	7.32	1.60	0.008	0.010	0.002	0.002	03/26/2019	13:05
13	K1950-01		1	2.53	100	7.65	1.71	0.015	0.020	0.005	0.006	03/26/2019	13:06
14	K1950-03		1	2.50	100	7.31	1.82	0.006	0.006	0.000	-0.001	03/26/2019	13:06
15	CCV2	0.5	1	100	100		1.58	0.000	0.393	0.393	0.509	03/26/2019	13:07
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.001	03/26/2019	13:07
17	K2050-01		1	2.54	100	7.68	2.25	0.042	0.049	0.007	0.009	03/26/2019	13:08
18	K2050-02		1	2.50	100	7.10	1.76	0.029	0.029	0.000	-0.001	03/26/2019	13:08
19	K2050-03		1	2.52	100	7.55	1.58	0.061	0.061	0.000	-0.001	03/26/2019	13:09
20	K2050-04		1	2.52	100	7.66	2.10	0.033	0.033	0.000	-0.001	03/26/2019	13:09
21	K2050-05		1	2.54	100	7.20	2.32	0.051	0.051	0.000	-0.001	03/26/2019	13:10
22	K2081-01		1	2.50	100	7.85	1.85	0.001	0.008	0.007	0.009	03/26/2019	13:10
23	K2081-03		1	2.54	100	7.35	1.95	0.004	0.006	0.002	0.002	03/26/2019	13:11
24	K2081-14		1	2.50	100	7.80	1.82	0.003	0.003	0.000	-0.001	03/26/2019	13:11
25	K2081-16		1	2.55	100	7.96	2.21	0.002	0.002	0.000	-0.001	03/26/2019	13:12
26	K2081-18		1	2.51	100	7.21	2.18	0.008	0.084	0.076	0.098	03/26/2019	13:12
27	CCV3	0.5	1	100	100		2.30	0.000	0.392	0.392	0.507	03/26/2019	13:13
28	CCB3		1	100	100		1.59	0.000	0.000	0.000	-0.001	03/26/2019	13:13
29	K2091-01		1	2.50	100	7.15	2.10	0.094	0.094	0.000	-0.001	03/26/2019	13:14
30	CCV4	0.5	1	100	100		2.06	0.000	0.390	0.390	0.505	03/26/2019	13:14
31	CCB4		1	100	100		1.59	0.000	0.000	0.000	-0.001	03/26/2019	13:15