

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103178

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP75190
Calibratation STD Hexa Chrome 0.5 PPM	WP75191
Calibration Std. hexchrome 0.1 ppm	WP75199
Calibration Std. hexchrome 0.05 ppm	WP75195
calibration std. hexchrome 0.01 ppm	WP75194
calibration std. hexchrome 0 ppm	WP75193
Hexavalent Chromium ICV Std.	WP75196
Hexavalent Chromium CCV Std	WP75197
hexavalent chromium color reagent	WP75201
5N sulfuric acid	WP74163
Calibration std Hexachrome, 0.025ppm	WP75192
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0006

Slope: 0.7722

Regression: 0.999981

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		2.05	0.000	0.000	0.000	06/04/2019	14:00
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	06/04/2019	14:00
3	CAL3	0.025	1	100	100		2.11	0.000	0.018	0.018	06/04/2019	14:01
4	CAL4	0.05	1	100	100		2.13	0.000	0.039	0.039	06/04/2019	14:01
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	06/04/2019	14:02
6	CAL6	0.5	1	100	100		2.15	0.000	0.390	0.390	06/04/2019	14:02
7	CAL7	1	1	100	100		2.10	0.000	0.771	0.771	06/04/2019	14:03

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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		2.10	0.002	0.390	0.388	0.502	06/04/2019	14:03
2	ICB		1	100	100		1.78	0.000	0.000	0.000	-0.001	06/04/2019	14:04
3	CCV1	0.5	1	100	100		1.58	0.001	0.410	0.409	0.529	06/04/2019	14:04
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	-0.001	06/04/2019	14:05
5	PB120303BL		1	2.50	100	7.20	2.03	0.000	0.000	0.000	-0.001	06/04/2019	14:05
6	PB120303BS	20	1	2.50	100	7.32	2.13	0.012	0.364	0.352	0.455	06/04/2019	14:06
7	K3150-01		1	2.50	100	7.10	2.15	0.008	0.008	0.000	-0.001	06/04/2019	14:06
8	K3171-01		1	2.52	100	7.22	1.99	0.006	0.006	0.000	-0.001	06/04/2019	14:07
9	K3171-03		1	2.53	100	7.85	2.00	0.005	0.006	0.001	0.001	06/04/2019	14:07
10	K3172-01		1	2.50	100	7.55	1.78	0.011	0.011	0.000	-0.001	06/04/2019	14:08
11	K3172-03		1	2.54	100	7.23	1.68	0.012	0.012	0.000	-0.001	06/04/2019	14:09
12	K3173-01		1	2.52	100	7.46	2.15	0.008	0.009	0.001	0.001	06/04/2019	14:09
13	K3173-03		1	2.54	100	7.86	1.78	0.006	0.007	0.001	0.001	06/04/2019	14:09
14	K3174-01		1	2.52	100	7.02	1.95	0.039	0.041	0.002	0.002	06/04/2019	14:10
15	CCV2	0.5	1	100	100		1.85	0.000	0.403	0.403	0.521	06/04/2019	14:10
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	-0.001	06/04/2019	14:11
17	K3175-01		1	2.51	100	7.20	1.55	0.008	0.012	0.004	0.004	06/04/2019	14:11
18	K3175-01DUP		1	2.50	100	7.55	1.65	0.008	0.012	0.004	0.004	06/04/2019	14:12
19	K3175-01MSPre	40	2	2.52	100	7.35	2.16	0.008	0.352	0.344	0.445	06/04/2019	14:12
20	K3175-01MS2Ins	1284	40	2.52	100	7.63	2.33	0.002	0.693	0.691	0.894	06/04/2019	14:13
21	K3175-01MS3Post	40	2	2.53	100	7.45	2.30	0.013	0.443	0.430	0.556	06/04/2019	14:13
22	CCV3	0.5	1	100	100		2.10	0.000	0.410	0.410	0.530	06/04/2019	14:14
23	CCB3		1	100	100		2.10	0.000	0.000	0.000	-0.001	06/04/2019	14:15