

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104920

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77753
Calibratation STD Hexa Chrome 0.5 PPM	WP77754
Calibration Std. hexchrome 0.1 ppm	WP77759
Calibration Std. hexchrome 0.05 ppm	WP77758
calibration std. hexchrome 0.01 ppm	WP77757
calibration std. hexchrome 0 ppm	WP77756
Hexavalent Chromium ICV Std.	WP77761
Hexavalent Chromium CCV Std	WP77760
Hexavalent Chromium LCS Std	WP77762
hexavalent chromium color reagent	WP77635
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77755

Intercept: 0.0001

Slope: 0.7996

Regression: 0.999995

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		2.10	0.000	0.000	0.000	08/31/2019	13:03
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	08/31/2019	13:03
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	08/31/2019	13:04
4	CAL4	0.05	1	100	100		1.65	0.000	0.039	0.039	08/31/2019	13:04
5	CAL5	0.1	1	100	100		2.01	0.000	0.082	0.082	08/31/2019	13:05
6	CAL6	0.5	1	100	100		1.60	0.000	0.399	0.399	08/31/2019	13:05
7	CAL7	1	1	100	100		2.10	0.000	0.800	0.800	08/31/2019	13:06

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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		1.65	0.000	0.402	0.402	0.503	08/31/2019	13:08
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.000	08/31/2019	13:08
3	CCV1	0.5	1	100	100		2.10	0.000	0.378	0.378	0.473	08/31/2019	13:25
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	08/31/2019	13:26
5	PB122739BL		1	2.52	100	7.12	1.56	0.000	0.000	0.000	0.000	08/31/2019	13:26
6	PB122739BS	20	1	2.52	100	7.54	1.65	0.000	0.379	0.379	0.474	08/31/2019	13:27
7	K4089-06		1	2.53	100	7.12	2.01	0.014	0.014	0.000	0.000	08/31/2019	13:28
8	K4089-06DUP		1	2.51	100	7.85	2.01	0.014	0.014	0.000	0.000	08/31/2019	13:28
9	K4089-06MSPre	40	2	2.52	100	7.50	1.65	0.014	0.367	0.353	0.441	08/31/2019	13:29
10	K4089-06MS2Ins	1284	40	2.50	100	7.50	1.60	0.014	0.669	0.655	0.819	08/31/2019	13:30
11	K4089-06MS3Post	40	2	2.54	100	7.65	2.01	0.014	0.385	0.371	0.464	08/31/2019	13:31
12	K4090-17		1	2.52	100	7.25	1.60	0.029	0.029	0.000	0.000	08/31/2019	13:32
13	K4554-45		1	2.51	100	7.50	2.10	0.022	0.022	0.000	0.000	08/31/2019	13:33
14	K4554-55		1	2.52	100	7.50	1.65	0.018	0.018	0.000	0.000	08/31/2019	13:34
15	CCV2	0.5	1	100	100		2.10	0.000	0.375	0.375	0.469	08/31/2019	13:35
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	08/31/2019	13:35
17	K4554-57		1	2.54	100	7.25	2.05	0.012	0.012	0.000	0.000	08/31/2019	13:36
18	K4611-01		1	2.53	100	7.12	1.65	0.019	0.019	0.000	0.000	08/31/2019	13:37
19	K4611-02		1	2.51	100	7.26	2.05	0.011	0.011	0.000	0.000	08/31/2019	13:38
20	K4613-03		1	2.54	100	7.12	2.05	0.009	0.009	0.000	0.000	08/31/2019	13:39
21	K4613-07		1	2.55	100	7.65	2.01	0.015	0.015	0.000	0.000	08/31/2019	13:39
22	K4625-02		1	2.54	100	7.15	1.60	0.018	0.018	0.000	0.000	08/31/2019	13:40
23	K4625-04		1	2.53	100	7.28	2.05	0.025	0.025	0.000	0.000	08/31/2019	13:42
24	CCV3	0.5	1	100	100		2.05	0.000	0.381	0.381	0.476	08/31/2019	13:43
25	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	08/31/2019	13:44