

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Daniel

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108435

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP83106
Calibration STD Hexa Chrome 0.5 PPM	WP83107
Calibration Std. hexchrome 0.1 ppm	WP83108
Calibration Std. hexchrome 0.05 ppm	WP83109
calibration std. hexchrome 0.01 ppm	WP83110
calibration std. hexchrome 0 ppm	WP83115
Hexavalent Chromium CCV Std	WP83111
hexavalent chromium color reagent	WP83113
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP83114
Hexavalent Chromium ICV-LCS Std	WP83116

Intercept: 0.0008

Slope: 0.7878

Regression: 0.99993

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	03/25/2020	13:00
2	CAL2	0.01	1	100	100		2.04	0.000	0.009	0.009	03/25/2020	13:01
3	CAL3	0.025	1	100	100		2.03	0.000	0.019	0.019	03/25/2020	13:02
4	CAL4	0.05	1	100	100		2.07	0.000	0.038	0.038	03/25/2020	13:03
5	CAL5	0.1	1	100	100		2.03	0.000	0.080	0.080	03/25/2020	13:04
6	CAL6	0.5	1	100	100		2.05	0.000	0.402	0.402	03/25/2020	13:05
7	CAL7	1	1	100	100		2.06	0.000	0.785	0.785	03/25/2020	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		2.07	0.000	0.403	0.403	0.511	03/25/2020	13:07
2	ICB		1	100	100		2.05	0.000	0.000	0.000	-0.001	03/25/2020	13:08
3	CCV1	0.5	1	100	100		2.03	0.000	0.401	0.401	0.508	03/25/2020	13:09
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	03/25/2020	13:10
5	PB127809BL		1	2.51	100	7.06	2.05	0.000	0.000	0.000	-0.001	03/25/2020	13:11
6	PB127809BS	20	1	2.52	100	7.05	2.04	0.000	0.351	0.351	0.445	03/25/2020	13:12
7	L1754-01		1	2.53	100	7.07	2.05	0.001	0.004	0.003	0.003	03/25/2020	13:13
8	L1754-01DUP		1	2.52	100	7.04	2.03	0.002	0.004	0.002	0.002	03/25/2020	13:14
9	L1754-01MSPre	40	2	2.51	100	7.05	2.07	0.003	0.243	0.240	0.304	03/25/2020	13:15
10	L1754-01MS2Ins	1284	40	2.53	100	7.05	2.03	0.006	0.654	0.648	0.822	03/25/2020	13:16
11	L1754-01MS3Post	40	2	2.54	100	7.06	2.05	0.003	0.322	0.319	0.404	03/25/2020	13:17
12	L1757-07		1	2.52	100	7.04	2.04	0.006	0.008	0.002	0.002	03/25/2020	13:18
13	L2013-06		1	2.51	100	7.07	2.06	0.014	0.016	0.002	0.002	03/25/2020	13:19
14	L2013-07		1	2.53	100	7.06	2.05	0.021	0.021	0.000	-0.001	03/25/2020	13:20
15	CCV2	0.5	1	100	100		2.07	0.000	0.403	0.403	0.511	03/25/2020	13:21
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	03/25/2020	13:22
17	L2013-08		1	2.54	100	7.04	2.05	0.005	0.005	0.000	-0.001	03/25/2020	13:23
18	L2013-09		1	2.52	100	7.07	2.04	0.061	0.061	0.000	-0.001	03/25/2020	13:24
19	CCV3	0.5	1	100	100		2.05	0.000	0.402	0.402	0.509	03/25/2020	13:25
20	CCB3		1	100	100		2.06	0.000	0.000	0.000	-0.001	03/25/2020	13:26