



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Daniel

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108360

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP83018
Calibration STD Hexa Chrome 0.5 PPM	WP83019
Calibration Std. hexchrome 0.1 ppm	WP83020
Calibration Std. hexchrome 0.05 ppm	WP83021
calibration std. hexchrome 0.01 ppm	WP83022
calibration std. hexchrome 0 ppm	WP83023
Hexavalent Chromium CCV Std	WP83024
hexavalent chromium color reagent	WP83027
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP83025
Hexavalent Chromium ICV-LCS Std	WP83026

Intercept: 0.0008

Slope: 0.7879

Regression: 0.999928

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		2.07	0.000	0.000	0.000	03/19/2020	13:45
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	03/19/2020	13:46
3	CAL3	0.025	1	100	100		2.03	0.000	0.018	0.018	03/19/2020	13:47
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	03/19/2020	13:48
5	CAL5	0.1	1	100	100		2.04	0.000	0.081	0.081	03/19/2020	13:49
6	CAL6	0.5	1	100	100		2.08	0.000	0.402	0.402	03/19/2020	13:50
7	CAL7	1	1	100	100		2.09	0.000	0.785	0.785	03/19/2020	13:51



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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		2.05	0.000	0.404	0.404	0.512	03/19/2020	13:52
2	ICB		1	100	100		2.03	0.000	0.000	0.000	-0.001	03/19/2020	13:53
3	CCV1	0.5	1	100	100		2.06	0.000	0.402	0.402	0.509	03/19/2020	13:54
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/19/2020	13:55
5	PB127671BL		1	2.51	100	7.05	2.02	0.000	0.000	0.000	-0.001	03/19/2020	13:56
6	PB127671BS	20	1	2.50	100	7.08	2.07	0.000	0.353	0.353	0.447	03/19/2020	13:57
7	L1964-01		1	2.55	100	7.09	2.09	0.003	0.004	0.001	0.000	03/19/2020	13:58
8	L1964-01DUP		1	2.52	100	7.04	2.05	0.002	0.004	0.002	0.002	03/19/2020	13:59
9	L1964-01MSPre	40	2	2.51	100	7.06	2.06	0.002	0.059	0.057	0.071	03/19/2020	14:01
10	L1964-01MS2Ins	1284	40	2.53	100	7.02	2.04	0.001	0.657	0.656	0.832	03/19/2020	14:02
11	L1964-01MS3Post	40	2	2.54	100	7.06	2.03	0.002	0.351	0.349	0.442	03/19/2020	14:03
12	L1965-01		1	2.51	100	7.04	2.04	0.007	0.009	0.002	0.002	03/19/2020	14:04
13	L1978-02		1	2.52	100	7.09	2.09	0.002	0.002	0.000	-0.001	03/19/2020	14:05
14	L1978-06		1	2.56	100	7.02	2.04	0.015	0.017	0.002	0.002	03/19/2020	14:06
15	CCV2	0.5	1	100	100		2.06	0.000	0.400	0.400	0.507	03/19/2020	14:07
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.001	03/19/2020	14:08
17	L1978-10		1	2.54	100	7.01	2.04	0.016	0.018	0.002	0.002	03/19/2020	14:09
18	CCV3	0.5	1	100	100		2.03	0.000	0.401	0.401	0.508	03/19/2020	14:10
19	CCB3		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/19/2020	14:11