

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Alexander

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111904

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP88088
Calibration Std. hexchrome 0.05 ppm	WP88089
calibration std. hexchrome 0.01 ppm	WP88090
calibration std. hexchrome 0 ppm	WP88091
hexavalent chromium color reagent	WP88047
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP88093
Hexavalent Chromium ICV-LCS Std	WP88092
Calibration and CCV std HexChrome 0.5PPM	WP88087
Calibration std HexChrome 1.0PPM	WP88086

Intercept: -0.0001

Slope: 0.7993

Regression: 0.999999

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		2.04	0.000	0.000	0.000	11/10/2020	13:50
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	11/10/2020	13:51
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	11/10/2020	13:52
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	11/10/2020	13:53
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	11/10/2020	13:54
6	CAL6	0.5	1	100	100		2.08	0.000	0.400	0.400	11/10/2020	13:55
7	CAL7	1	1	100	100		2.03	0.000	0.799	0.799	11/10/2020	13:56



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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		2.04	0.000	0.383	0.383	0.479	11/10/2020	13:57
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	11/10/2020	13:58
3	CCV1	0.5	1	100	100		2.03	0.000	0.380	0.380	0.476	11/10/2020	13:59
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	11/10/2020	14:00
5	PB132872BL		1	2.51	100	7.04	2.05	0.000	0.000	0.000	0.000	11/10/2020	14:01
6	PB132872BS	20	1	2.50	100	7.06	2.08	0.000	0.354	0.354	0.443	11/10/2020	14:02
7	L4656-01		1	2.53	100	7.05	2.02	0.025	0.027	0.002	0.003	11/10/2020	14:03
8	L4656-01DUP		1	2.52	100	7.03	2.04	0.024	0.026	0.002	0.003	11/10/2020	14:04
9	L4656-01MSPre	40	2	2.51	100	7.08	2.06	0.023	0.083	0.060	0.075	11/10/2020	14:05
10	L4656-01MS2Ins	1284	40	2.53	100	7.09	1.98	0.020	0.655	0.635	0.795	11/10/2020	14:06
11	L4656-01MS3Post	40	2	2.55	100	7.07	1.89	0.022	0.097	0.075	0.094	11/10/2020	14:07
12	L4656-08		1	2.53	100	7.09	1.75	0.019	0.021	0.002	0.003	11/10/2020	14:08
13	L4679-01		1	2.56	100	7.05	1.85	0.020	0.022	0.002	0.003	11/10/2020	14:09
14	L4681-03		1	2.55	100	7.06	2.22	0.021	0.023	0.002	0.003	11/10/2020	14:10
15	CCV2	0.5	1	100	100		2.13	0.000	0.382	0.382	0.478	11/10/2020	14:11
16	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.000	11/10/2020	14:12
17	L4681-07		1	2.57	100	7.04	2.09	0.009	0.010	0.001	0.001	11/10/2020	14:13
18	CCV3	0.5	1	100	100		1.69	0.000	0.381	0.381	0.477	11/10/2020	14:14
19	CCB3		1	100	100		1.75	0.000	0.000	0.000	0.000	11/10/2020	14:15