



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Daniel

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108848

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83687
Calibration Std. hexchrome 0.05 ppm	WP83686
calibration std. hexchrome 0.01 ppm	WP83685
calibration std. hexchrome 0 ppm	WP83684
hexavalent chromium color reagent	WP83113
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Hexchrome Cleaning Solution	WP80457
Calibration Std Hexachrome 0.025 ppm	WP83682
Hexavalent Chromium ICV-LCS Std	WP83688
Calibration and CCV std HexChrome 0.5PPM	WP83681
Calibration std HexChrome 1.0PPM	WP83683

Intercept: 0.0003

Slope: 0.7856

Regression: 0.999815

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		1.66	0.000	0.007	0.007	04/23/2020	12:21
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	04/23/2020	12:22
3	CAL3	0.025	1	100	100		1.53	0.000	0.015	0.015	04/23/2020	12:23
4	CAL4	0.05	1	100	100		1.68	0.000	0.034	0.034	04/23/2020	12:24
5	CAL5	0.1	1	100	100		2.05	0.000	0.078	0.078	04/23/2020	12:25
6	CAL6	0.5	1	100	100		2.20	0.000	0.402	0.402	04/23/2020	12:26
7	CAL7	1	1	100	100		2.06	0.000	0.782	0.782	04/23/2020	12:27



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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		1.46	0.000	0.401	0.401	0.510	04/23/2020	12:28
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.000	04/23/2020	12:29
3	CCV1	0.5	1	100	100		2.22	0.000	0.403	0.403	0.513	04/23/2020	12:30
4	CCB1		1	100	100		2.33	0.000	0.000	0.000	0.000	04/23/2020	12:31
5	PB128448BL		1	2.54	100	7.35	2.25	0.000	0.000	0.000	0.000	04/23/2020	12:32
6	PB128448BS	20	1	2.55	100	7.05	2.15	0.000	0.352	0.352	0.448	04/23/2020	12:33
7	L2304-01		1	2.53	100	7.77	2.06	0.006	0.008	0.002	0.002	04/23/2020	12:34
8	L2304-05		1	2.52	100	7.86	1.22	0.002	0.004	0.002	0.002	04/23/2020	12:35
9	L2304-09		1	2.51	100	7.34	2.09	0.005	0.007	0.002	0.002	04/23/2020	12:36
10	L2304-13		1	2.53	100	7.24	2.25	0.006	0.007	0.001	0.001	04/23/2020	12:37
11	L2360-01		1	2.54	100	7.44	2.16	0.180	0.564	0.384	0.488	04/23/2020	12:38
12	L2360-02		1	2.52	100	7.87	1.78	0.006	0.007	0.001	0.001	04/23/2020	12:39
13	L2360-03		1	2.51	100	7.99	1.80	0.010	0.011	0.001	0.001	04/23/2020	12:40
14	L2375-02		1	2.53	100	7.56	1.67	0.005	0.007	0.002	0.002	04/23/2020	12:41
15	CCV2	0.5	1	100	100		2.30	0.000	0.390	0.390	0.496	04/23/2020	12:42
16	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.000	04/23/2020	12:43
17	L2375-02DUP		1	2.54	100	7.45	2.44	0.006	0.007	0.001	0.001	04/23/2020	12:44
18	L2375-02MSPre	40	2	2.52	100	7.56	2.50	0.006	0.182	0.176	0.224	04/23/2020	12:45
19	L2375-02MS2Ins	1284	40	2.51	100	7.58	1.85	0.000	0.650	0.650	0.827	04/23/2020	12:46
20	L2375-02MS3Post	40	2	2.52	100	7.59	1.90	0.005	0.228	0.223	0.283	04/23/2020	12:47
21	L2377-01		1	2.53	100	7.05	1.76	0.002	0.004	0.002	0.002	04/23/2020	12:48
22	L2378-03		1	2.54	100	7.04	1.66	0.006	0.007	0.001	0.001	04/23/2020	12:49
23	L2378-07		1	2.52	100	7.17	1.85	0.002	0.004	0.002	0.002	04/23/2020	12:50
24	L2378-11		1	2.52	100	7.05	2.05	0.006	0.008	0.002	0.002	04/23/2020	12:51
25	PB128449BL		1	2.52	100	7.32	2.06	0.000	0.000	0.000	0.000	04/23/2020	12:52
26	PB128449BS	20	1	2.54	100	7.76	2.03	0.000	0.351	0.351	0.446	04/23/2020	12:53
27	CCV3	0.5	1	100	100		2.35	0.000	0.401	0.401	0.510	04/23/2020	12:54
28	CCB3		1	100	100		2.40	0.000	0.000	0.000	0.000	04/23/2020	12:55
29	L2117-06		1	2.53	100	7.80	2.46	0.006	0.007	0.001	0.001	04/23/2020	12:56
30	L2117-06DUP		1	2.52	100	7.88	2.16	0.006	0.007	0.001	0.001	04/23/2020	12:57
31	L2117-06MSPre	40	2	2.51	100	7.90	2.44	0.006	0.190	0.184	0.234	04/23/2020	12:58
32	L2117-06MS2Ins	1284	40	2.53	100	7.93	2.06	0.005	0.650	0.645	0.821	04/23/2020	12:59
33	L2117-06MS3Post	40	2	2.54	100	7.94	2.05	0.005	0.235	0.230	0.292	04/23/2020	13:00
34	L2120-01		1	2.52	100	7.06	2.03	0.005	0.007	0.002	0.002	04/23/2020	13:01
35	L2283-01		1	2.51	100	7.05	1.66	0.006	0.007	0.001	0.001	04/23/2020	13:02
36	L2283-02		1	2.53	100	7.54	2.20	0.005	0.007	0.002	0.002	04/23/2020	13:03
37	L2283-03		1	2.54	100	7.66	1.85	0.002	0.002	0.000	0.000	04/23/2020	13:04
38	L2283-04		1	2.52	100	8.00	1.90	0.006	0.007	0.001	0.001	04/23/2020	13:05
39	CCV4	0.5	1	100	100		2.05	0.000	0.395	0.395	0.502	04/23/2020	13:06
40	CCB4		1	100	100		2.06	0.000	0.000	0.000	0.000	04/23/2020	13:07
41	L2283-05		1	2.51	100	7.05	2.25	0.005	0.007	0.002	0.002	04/23/2020	13:08
42	L2283-06		1	2.52	100	7.35	2.15	0.002	0.004	0.002	0.002	04/23/2020	13:09

43	L2283-07		1	2.53	100	7.24	2.06	0.008	0.008	0.000	0.000	04/23/2020	13:10
44	L2356-05		1	2.54	100	7.36	2.05	0.006	0.008	0.002	0.002	04/23/2020	13:11
45	L2397-05		1	2.52	100	7.44	2.16	0.009	0.009	0.000	0.000	04/23/2020	13:12
46	CCV5	0.5	1	100	100		2.25	0.000	0.402	0.402	0.511	04/23/2020	13:13
47	CCB5		1	100	100		2.65	0.000	0.000	0.000	0.000	04/23/2020	13:14