

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Alexander

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108812

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83626
Calibration Std. hexchrome 0.05 ppm	WP83625
calibration std. hexchrome 0.01 ppm	WP83624
calibration std. hexchrome 0 ppm	WP83623
hexavalent chromium color reagent	WP83113
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Hexchrome Cleaning Solution	WP80457
Calibration Std Hexachrome 0.025 ppm	WP83621
Hexavalent Chromium ICV-LCS Std	WP83627
Calibration and CCV std HexChrome 0.5PPM	WP83620
Calibration std HexChrome 1.0PPM	WP83622

Intercept: -0.0003

Slope: 0.7859

Regression: 0.9998

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	0.008	0.008	04/21/2020	13:10
2	CAL2	0.01	1	100	100		2.32	0.000	0.007	0.007	04/21/2020	13:11
3	CAL3	0.025	1	100	100		2.32	0.000	0.015	0.015	04/21/2020	13:12
4	CAL4	0.05	1	100	100		1.86	0.000	0.033	0.033	04/21/2020	13:13
5	CAL5	0.1	1	100	100		1.76	0.000	0.076	0.076	04/21/2020	13:14
6	CAL6	0.5	1	100	100		2.50	0.000	0.401	0.401	04/21/2020	13:15
7	CAL7	1	1	100	100		2.43	0.000	0.782	0.782	04/21/2020	13:16



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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		1.76	0.000	0.404	0.404	0.514	04/21/2020	13:19
2	ICB		1	100	100		2.27	0.000	0.000	0.000	0.000	04/21/2020	13:20
3	CCV1	0.5	1	100	100		2.18	0.000	0.399	0.399	0.508	04/21/2020	13:20
4	CCB1		1	100	100		2.02	0.000	0.000	0.000	0.000	04/21/2020	13:21
5	PB128395BL		1	2.54	100	7.35	2.11	0.000	0.000	0.000	0.000	04/21/2020	13:21
6	PB128395BS	20	1	2.55	100	7.45	1.87	0.000	0.402	0.402	0.512	04/21/2020	13:22
7	L2327-26		1	2.53	100	7.07	1.92	0.004	0.005	0.001	0.002	04/21/2020	13:23
8	L2327-26DUP		1	2.52	100	7.07	1.82	0.003	0.004	0.001	0.002	04/21/2020	13:23
9	L2327-26MSPre	40	2	2.51	100	7.64	1.78	0.003	0.183	0.180	0.229	04/21/2020	13:24
10	L2327-26MS2Ins	1284	40	2.53	100	7.36	2.18	0.003	0.648	0.645	0.821	04/21/2020	13:24
11	L2327-26MS3Post	40	2	2.54	100	7.88	2.34	0.003	0.192	0.189	0.241	04/21/2020	13:25
12	L2327-27		1	2.52	100	7.90	2.22	0.004	0.004	0.000	0.000	04/21/2020	13:26
13	L2327-28		1	2.51	100	7.67	1.88	0.001	0.002	0.001	0.002	04/21/2020	13:27
14	L2327-29		1	2.53	100	7.74	1.89	0.004	0.004	0.000	0.000	04/21/2020	13:27
15	CCV2	0.5	1	100	100		2.02	0.000	0.400	0.400	0.509	04/21/2020	13:28
16	CCB2		1	100	100		2.11	0.000	0.000	0.000	0.000	04/21/2020	13:29
17	L2327-30		1	2.54	100	7.36	1.90	0.001	0.002	0.001	0.002	04/21/2020	13:30
18	L2327-31		1	2.52	100	7.96	2.03	0.007	0.007	0.000	0.000	04/21/2020	13:30
19	L2327-32		1	2.51	100	7.36	2.44	0.002	0.003	0.001	0.002	04/21/2020	13:31
20	L2327-33		1	2.52	100	7.67	1.66	0.004	0.005	0.001	0.002	04/21/2020	13:32
21	L2339-01		1	2.53	100	7.64	1.98	0.014	0.015	0.001	0.002	04/21/2020	13:32
22	L2347-05		1	2.54	100	7.05	2.01	0.003	0.004	0.001	0.002	04/21/2020	13:33
23	L2350-07		1	2.52	100	7.06	2.06	0.004	0.005	0.001	0.002	04/21/2020	13:34
24	L2350-08		1	2.52	100	8.00	2.29	0.007	0.007	0.000	0.000	04/21/2020	13:34
25	PB128396BL		1	2.54	100	7.05	2.06	0.000	0.000	0.000	0.000	04/21/2020	13:35
26	PB128396BS	20	1	2.55	100	7.06	2.01	0.000	0.403	0.403	0.513	04/21/2020	13:35
27	CCV3	0.5	1	100	100		1.90	0.000	0.399	0.399	0.508	04/21/2020	13:36
28	CCB3		1	100	100		2.08	0.000	0.000	0.000	0.000	04/21/2020	13:36
29	L2123-12		1	2.53	100	7.76	2.24	0.010	0.011	0.001	0.002	04/21/2020	13:37
30	L2123-12DUP		1	2.52	100	7.45	2.04	0.009	0.010	0.001	0.002	04/21/2020	13:38
31	L2123-12MSPre	40	2	2.51	100	7.87	2.11	0.009	0.230	0.221	0.282	04/21/2020	13:38
32	L2123-12MS2Ins	1284	40	2.53	100	7.67	1.73	0.009	0.652	0.643	0.819	04/21/2020	13:39
33	L2123-12MS3Post	40	2	2.54	100	8.00	1.84	0.009	0.235	0.226	0.288	04/21/2020	13:39
34	L2307-04		1	2.52	100	7.42	1.66	0.001	0.002	0.001	0.002	04/21/2020	13:40
35	L2332-09		1	2.51	100	7.31	2.44	0.005	0.005	0.000	0.000	04/21/2020	13:41
36	L2332-10		1	2.53	100	7.22	1.98	0.006	0.007	0.001	0.002	04/21/2020	13:42
37	L2344-04		1	2.54	100	7.07	1.55	0.002	0.002	0.000	0.000	04/21/2020	13:42
38	L2351-02		1	2.52	100	7.56	2.04	0.011	0.012	0.001	0.002	04/21/2020	13:43
39	CCV4	0.5	1	100	100		2.34	0.000	0.401	0.401	0.511	04/21/2020	13:44
40	CCB4		1	100	100		2.03	0.000	0.000	0.000	0.000	04/21/2020	13:45
41	L2351-06		1	2.51	100	7.66	1.99	0.005	0.006	0.001	0.002	04/21/2020	13:45
42	L2351-10		1	2.52	100	7.04	1.88	0.008	0.009	0.001	0.002	04/21/2020	13:46

43	L2353-01		1	2.53	100	7.32	2.06	0.004	0.004	0.000	0.000	04/21/2020	13:46
44	L2357-05		1	2.54	100	7.15	2.06	0.015	0.017	0.002	0.003	04/21/2020	13:47
45	L2359-03		1	2.52	100	7.55	2.04	0.006	0.006	0.000	0.000	04/21/2020	13:48
46	L2359-07		1	2.52	100	7.99	2.08	0.005	0.006	0.001	0.002	04/21/2020	13:49
47	CCV5	0.5	1	100	100		2.06	0.000	0.401	0.401	0.511	04/21/2020	13:50
48	CCB5		1	100	100		2.03	0.000	0.000	0.000	0.000	04/21/2020	13:50