



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Daniel

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108786

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP83573
calibration std. hexchrome 0 ppm	WP83570
hexavalent chromium color reagent	WP83113
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Hexchrome Cleaning Solution	WP80457
Hexavalent Chromium ICV-LCS Std	WP83574
Calibration and CCV std HexChrome 0.5PPM	WP83576
Calibration std HexChrome 1.0PPM	WP83577

Intercept: 0.0003

Slope: 0.7844

Regression: 0.999824

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		1.55	0.000	0.007	0.007	04/18/2020	13:00
2	CAL2	0.01	1	100	100		1.66	0.000	0.008	0.008	04/18/2020	13:01
3	CAL3	0.025	1	100	100		1.58	0.000	0.015	0.015	04/18/2020	13:02
4	CAL4	0.05	1	100	100		2.04	0.000	0.034	0.034	04/18/2020	13:03
5	CAL5	0.1	1	100	100		2.07	0.000	0.078	0.078	04/18/2020	13:04
6	CAL6	0.5	1	100	100		2.25	0.000	0.401	0.401	04/18/2020	13:05
7	CAL7	1	1	100	100		2.23	0.000	0.781	0.781	04/18/2020	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		2.16	0.000	0.401	0.401	0.511	04/18/2020	13:07
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	04/18/2020	13:08
3	CCV1	0.5	1	100	100		1.89	0.000	0.402	0.402	0.512	04/18/2020	13:09
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	04/18/2020	13:10
5	PB128319BL		1	2.53	100	7.65	2.06	0.000	0.000	0.000	0.000	04/18/2020	13:11
6	PB128319BS	20	1	2.53	100	7.35	2.25	0.000	0.351	0.351	0.447	04/18/2020	13:12
7	L2314-01		1	2.53	100	7.24	2.04	0.007	0.007	0.000	0.000	04/18/2020	13:13
8	L2314-02		1	2.52	100	7.05	1.66	0.006	0.008	0.002	0.002	04/18/2020	13:14
9	L2314-03		1	2.51	100	7.85	2.07	0.005	0.007	0.002	0.002	04/18/2020	13:15
10	L2314-04		1	2.53	100	7.35	2.23	0.005	0.007	0.002	0.002	04/18/2020	13:16
11	L2314-05		1	2.54	100	7.35	2.32	0.006	0.007	0.001	0.001	04/18/2020	13:17
12	L2314-05DUP		1	2.52	100	7.45	2.04	0.006	0.007	0.001	0.001	04/18/2020	13:18
13	L2314-06		1	2.51	100	7.54	1.66	0.005	0.007	0.002	0.002	04/18/2020	13:19
14	L2314-07		1	2.53	100	8.00	1.90	0.010	0.012	0.002	0.002	04/18/2020	13:20
15	CCV2	0.5	1	100	100		1.95	0.000	0.401	0.401	0.511	04/18/2020	13:21
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	04/18/2020	13:22
17	L2314-08		1	2.54	100	7.05	2.06	0.006	0.008	0.002	0.002	04/18/2020	13:23
18	L2314-09		1	2.52	100	7.27	2.07	0.005	0.007	0.002	0.002	04/18/2020	13:24
19	L2314-10		1	2.51	100	7.64	1.85	0.006	0.007	0.001	0.001	04/18/2020	13:25
20	L2314-11		1	2.52	100	7.76	1.90	0.010	0.011	0.001	0.001	04/18/2020	13:26
21	L2314-12		1	2.53	100	7.55	2.04	0.006	0.007	0.001	0.001	04/18/2020	13:27
22	L2314-13		1	2.54	100	7.05	1.66	0.008	0.009	0.001	0.001	04/18/2020	13:28
23	L2314-14		1	2.52	100	7.07	2.05	0.005	0.007	0.002	0.002	04/18/2020	13:29
24	L2314-15		1	2.52	100	7.24	2.06	0.006	0.007	0.001	0.001	04/18/2020	13:30
25	L2314-17MSPre	40	2	2.54	100	7.75	1.55	0.002	0.200	0.198	0.252	04/18/2020	13:30
26	L2314-17MS2Ins	1284	40	2.55	100	7.85	2.03	0.005	0.650	0.645	0.822	04/18/2020	13:31
27	CCV3	0.5	1	100	100		2.05	0.000	0.401	0.401	0.511	04/18/2020	13:32
28	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.000	04/18/2020	13:33
29	L2314-17MS3Post	40	2	2.51	100	7.57	1.66	0.006	0.286	0.280	0.357	04/18/2020	13:34
30	PB128321BL		1	2.54	100	7.05	1.52	0.000	0.000	0.000	0.000	04/18/2020	13:35
31	PB128321BS	20	1	2.55	100	7.05	2.06	0.000	0.352	0.352	0.448	04/18/2020	13:36
32	L2123-07		1	2.53	100	7.44	2.04	0.006	0.007	0.001	0.001	04/18/2020	13:37
33	L2123-07DUP		1	2.52	100	7.45	1.66	0.006	0.007	0.001	0.001	04/18/2020	13:38
34	L2123-07MSPre	40	2	2.51	100	7.35	1.98	0.004	0.196	0.192	0.244	04/18/2020	13:39
35	L2123-07MS2Ins	1284	40	2.53	100	7.24	1.85	0.006	0.652	0.646	0.823	04/18/2020	13:40
36	L2123-07MS3Post	40	2	2.54	100	7.85	2.05	0.007	0.285	0.278	0.354	04/18/2020	13:41
37	L2277-01		1	2.52	100	7.67	2.04	0.006	0.007	0.001	0.001	04/18/2020	13:42
38	L2281-09		1	2.51	100	7.55	2.25	0.005	0.007	0.002	0.002	04/18/2020	13:43
39	CCV4	0.5	1	100	100		2.04	0.000	0.401	0.401	0.511	04/18/2020	13:44
40	CCB4		1	100	100		2.04	0.000	0.000	0.000	0.000	04/18/2020	13:45
41	L2281-12		1	2.53	100	7.05	1.66	0.005	0.006	0.001	0.001	04/18/2020	13:46
42	L2284-02		1	2.54	100	7.74	1.80	0.006	0.007	0.001	0.001	04/18/2020	13:47

43	L2284-06		1	2.52	100	7.75	2.05	0.006	0.007	0.001	0.001	04/18/2020	13:48
44	L2284-10		1	2.51	100	7.55	2.04	0.005	0.007	0.002	0.002	04/18/2020	13:49
45	L2284-14		1	2.52	100	7.35	2.03	0.005	0.007	0.002	0.002	04/18/2020	13:50
46	L2284-18		1	2.53	100	7.24	2.05	0.004	0.005	0.001	0.001	04/18/2020	13:51
47	L2287-01		1	2.54	100	7.35	2.03	0.006	0.007	0.001	0.001	04/18/2020	13:52
48	L2323-05		1	2.52	100	7.74	1.65	0.005	0.007	0.002	0.002	04/18/2020	13:53
49	L2323-12		1	2.52	100	7.85	1.66	0.005	0.007	0.002	0.002	04/18/2020	13:54
50	CCV5	0.5	1	100	100		2.05	0.000	0.401	0.401	0.511	04/18/2020	13:55
51	CCB5		1	100	100		2.05	0.000	0.000	0.000	0.000	04/18/2020	13:56