

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104560

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77302
Calibratation STD Hexa Chrome 0.5 PPM	WP77303
Calibration Std. hexchrome 0.1 ppm	WP77308
Calibration Std. hexchrome 0.05 ppm	WP77307
calibration std. hexchrome 0.01 ppm	WP77306
calibration std. hexchrome 0 ppm	WP77305
Hexavalent Chromium ICV Std.	WP77310
Hexavalent Chromium CCV Std	WP77309
Hexavalent Chromium LCS Std	WP77311
hexavalent chromium color reagent	WP77220
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77304

Intercept: 0.0003

Slope: 0.7993

Regression: 0.999998

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		2.10	0.000	0.000	0.000	08/13/2019	14:05
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	08/13/2019	14:05
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	08/13/2019	14:06
4	CAL4	0.05	1	100	100		1.56	0.000	0.041	0.041	08/13/2019	14:06
5	CAL5	0.1	1	100	100		2.01	0.000	0.081	0.081	08/13/2019	14:07
6	CAL6	0.5	1	100	100		1.60	0.000	0.399	0.399	08/13/2019	14:08
7	CAL7	1	1	100	100		2.05	0.000	0.800	0.800	08/13/2019	14:09

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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		2.10	0.000	0.405	0.405	0.506	08/13/2019	14:10
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	08/13/2019	14:10
3	CCV1	0.5	1	100	100		1.56	0.000	0.401	0.401	0.501	08/13/2019	14:11
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	08/13/2019	14:12
5	PB122226BL		1	2.52	100	7.12	2.10	0.000	0.000	0.000	0.000	08/13/2019	14:12
6	PB122226BS	20	1	2.53	100	7.12	2.01	0.000	0.376	0.376	0.470	08/13/2019	14:13
7	K4140-22		1	2.52	100	7.85	1.56	0.012	0.012	0.000	0.000	08/13/2019	14:13
8	K4140-23		1	2.55	100	7.15	1.60	0.031	0.031	0.000	0.000	08/13/2019	14:14
9	K4140-24		1	2.52	100	7.50	1.65	0.061	0.061	0.000	0.000	08/13/2019	14:15
10	K4140-24DUP		1	2.52	100	7.50	2.01	0.061	0.061	0.000	0.000	08/13/2019	14:16
11	K4140-25		1	2.53	100	7.25	2.01	0.044	0.276	0.232	0.290	08/13/2019	14:16
12	K4140-26		1	2.50	100	7.65	1.56	0.072	0.072	0.000	0.000	08/13/2019	14:17
13	K4140-27		1	2.52	100	7.65	2.10	0.041	0.041	0.000	0.000	08/13/2019	14:18
14	K4140-28		1	2.52	100	7.85	1.60	0.037	0.037	0.000	0.000	08/13/2019	14:19
15	CCV2	0.5	1	100	100		2.05	0.000	0.385	0.385	0.481	08/13/2019	14:20
16	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	08/13/2019	14:21
17	K4140-29		1	2.54	100	7.85	2.05	0.033	0.033	0.000	0.000	08/13/2019	14:21
18	K4140-30		1	2.51	100	7.12	1.65	0.035	1.475	1.440	1.801	08/13/2019	14:22
19	K4140-31		1	2.51	100	7.85	2.10	0.029	0.029	0.000	0.000	08/13/2019	14:23
20	K4140-32		1	2.50	100	7.50	2.10	0.022	0.022	0.000	0.000	08/13/2019	14:23
21	K4140-33		1	2.50	100	7.50	1.65	0.023	0.023	0.000	0.000	08/13/2019	14:24
22	K4140-34		1	2.53	100	7.85	2.01	0.030	0.030	0.000	0.000	08/13/2019	14:25
23	K4140-35		1	2.52	100	7.12	1.56	0.029	0.029	0.000	0.000	08/13/2019	14:25
24	K4140-36		1	2.50	100	7.15	2.05	0.022	0.026	0.004	0.005	08/13/2019	14:26
25	K4140-37		1	2.52	100	7.85	1.60	0.026	0.026	0.000	0.000	08/13/2019	14:26
26	K4140-38		1	2.52	100	7.50	1.65	0.024	0.027	0.003	0.003	08/13/2019	14:27
27	CCV3	0.5	1	100	100		1.65	0.000	0.395	0.395	0.494	08/13/2019	14:27
28	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.000	08/13/2019	14:28
29	K4140-39		1	2.56	100	7.85	2.01	0.022	0.022	0.000	0.000	08/13/2019	14:28
30	K4140-40		1	2.53	100	7.65	1.65	0.041	0.041	0.000	0.000	08/13/2019	14:29
31	K4140-43MSPre	40	2	2.51	100	7.15	2.01	0.061	0.219	0.158	0.197	08/13/2019	14:30
32	K4140-43MS2Ins	1284	40	2.52	100	7.85	1.56	0.061	0.705	0.644	0.805	08/13/2019	14:31
33	K4140-43MS3Post	40	2	2.54	100	7.25	1.60	0.061	0.256	0.195	0.244	08/13/2019	14:32
34	PB122230BL		1	2.52	100	7.50	1.60	0.000	0.000	0.000	0.000	08/13/2019	14:33
35	PB122230BS	20	1	2.54	100	7.65	1.56	0.000	0.372	0.372	0.465	08/13/2019	14:33
36	K4088-01		1	2.53	100	7.15	2.01	0.039	0.039	0.000	0.000	08/13/2019	14:34
37	K4089-01		1	2.51	100	7.25	1.65	0.019	0.019	0.000	0.000	08/13/2019	14:35
38	K4096-01		1	2.50	100	7.12	1.65	0.042	0.042	0.000	0.000	08/13/2019	14:36
39	CCV4	0.5	1	100	100		2.01	0.000	0.401	0.401	0.501	08/13/2019	14:36
40	CCB4		1	100	100		1.60	0.000	0.000	0.000	0.000	08/13/2019	14:37
41	K4140-21		1	2.53	100	7.85	1.60	0.021	0.025	0.004	0.005	08/13/2019	14:38
42	K4140-21DUP		1	2.54	100	7.65	2.05	0.020	0.024	0.004	0.005	08/13/2019	14:39

43	K4140-41MSPre	40	2	2.52	100	7.15	2.05	0.021	0.372	0.351	0.439	08/13/2019	14:40
44	K4140-41MS2Ins	1284	40	2.54	100	7.65	1.60	0.021	0.681	0.660	0.825	08/13/2019	14:41
45	K4140-41MS3Post	40	2	2.50	100	7.15	2.05	0.021	0.393	0.372	0.465	08/13/2019	14:42
46	K4319-03		1	2.55	100	7.25	1.60	0.016	0.016	0.000	0.000	08/13/2019	14:43
47	K4319-04		1	2.52	100	7.50	2.01	0.033	0.033	0.000	0.000	08/13/2019	14:44
48	K4319-05		1	2.54	100	7.85	2.10	0.027	0.027	0.000	0.000	08/13/2019	14:44
49	K4319-07		1	2.51	100	7.25	1.60	0.013	0.013	0.000	0.000	08/13/2019	14:45
50	K4140-30		2	2.51	100	7.12	1.65	0.016	0.737	0.721	0.902	08/13/2019	14:46
51	CCV5	0.5	1	100	100		2.01	0.000	0.405	0.405	0.506	08/13/2019	14:46
52	CCB5		1	100	100		1.65	0.000	0.000	0.000	0.000	08/13/2019	14:47