

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105358

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78379
Calibratation STD Hexa Chrome 0.5 PPM	WP78380
Calibration Std. hexchrome 0.1 ppm	WP78385
Calibration Std. hexchrome 0.05 ppm	WP78384
calibration std. hexchrome 0.01 ppm	WP78383
calibration std. hexchrome 0 ppm	WP78382
Hexavalent Chromium ICV Std.	WP78387
Hexavalent Chromium CCV Std	WP78386
Hexavalent Chromium LCS Std	WP78388
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP78381

Intercept: 0.0001

Slope: 0.7994

Regression: 0.999995

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	09/27/2019	14:02
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	09/27/2019	14:02
3	CAL3	0.025	1	100	100		1.56	0.000	0.020	0.020	09/27/2019	14:03
4	CAL4	0.05	1	100	100		1.60	0.000	0.042	0.042	09/27/2019	14:03
5	CAL5	0.1	1	100	100		1.65	0.000	0.079	0.079	09/27/2019	14:04
6	CAL6	0.5	1	100	100		2.01	0.000	0.399	0.399	09/27/2019	14:05
7	CAL7	1	1	100	100		1.56	0.000	0.800	0.800	09/27/2019	14:05



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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	0.378	0.378	0.473	09/27/2019	14:06
2	ICB		1	100	100		1.56	0.000	0.000	0.000	0.000	09/27/2019	14:06
3	CCV1	0.5	1	100	100		1.60	0.000	0.398	0.398	0.498	09/27/2019	14:07
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	09/27/2019	14:08
5	PB123434BL		1	2.52	100	7.12	2.01	0.000	0.000	0.000	0.000	09/27/2019	14:08
6	PB123434BS	20	1	2.51	100	7.15	1.60	0.000	0.375	0.375	0.469	09/27/2019	14:09
7	K5073-01		1	2.53	100	7.25	2.05	0.025	0.025	0.000	0.000	09/27/2019	14:10
8	K5073-02		1	2.51	100	7.85	2.05	0.032	0.032	0.000	0.000	09/27/2019	14:10
9	K5073-03		1	2.50	100	7.15	2.01	0.045	0.045	0.000	0.000	09/27/2019	14:11
10	K5073-04		1	2.50	100	7.65	2.01	0.048	0.048	0.000	0.000	09/27/2019	14:11
11	K5073-05		1	2.51	100	7.15	1.56	0.023	0.023	0.000	0.000	09/27/2019	14:12
12	K5073-06		1	2.52	100	7.12	1.56	0.033	0.033	0.000	0.000	09/27/2019	14:12
13	K5073-07		1	2.50	100	7.65	2.10	0.028	0.028	0.000	0.000	09/27/2019	14:13
14	K5073-07DUP		1	2.53	100	7.15	2.01	0.028	0.028	0.000	0.000	09/27/2019	14:13
15	CCV2	0.5	1	100	100		2.10	0.000	0.375	0.375	0.469	09/27/2019	14:15
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	09/27/2019	14:15
17	K5073-08MSPre	40	2	2.53	100	7.25	2.10	0.028	0.303	0.275	0.344	09/27/2019	14:16
18	K5073-08MS2Ins	1284	40	2.50	100	7.50	2.01	0.028	0.671	0.643	0.804	09/27/2019	14:17
19	K5073-08MS3Post	40	2	2.50	100	7.12	1.65	0.028	0.335	0.307	0.384	09/27/2019	14:17
20	K5073-10		1	2.52	100	7.25	1.56	0.032	0.032	0.000	0.000	09/27/2019	14:18
21	K5073-11		1	2.55	100	7.50	1.60	0.023	0.023	0.000	0.000	09/27/2019	14:19
22	K5073-12		1	2.51	100	7.65	1.60	0.045	0.045	0.000	0.000	09/27/2019	14:20
23	K5073-13		1	2.52	100	7.12	1.65	0.046	0.046	0.000	0.000	09/27/2019	14:20
24	K5073-14		1	2.52	100	7.50	1.60	0.038	0.038	0.000	0.000	09/27/2019	14:21
25	K5073-15		1	2.51	100	7.50	2.10	0.039	0.039	0.000	0.000	09/27/2019	14:21
26	K5073-16		1	2.51	100	7.85	1.56	0.025	0.025	0.000	0.000	09/27/2019	14:22
27	CCV3	0.5	1	100	100		2.01	0.000	0.379	0.379	0.474	09/27/2019	14:22
28	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	09/27/2019	14:23
29	K5073-17		1	2.50	100	7.12	1.65	0.028	0.028	0.000	0.000	09/27/2019	14:24
30	K5073-18		1	2.50	100	7.15	2.01	0.026	0.026	0.000	0.000	09/27/2019	14:24
31	K5073-19		1	2.51	100	7.12	2.10	0.019	0.019	0.000	0.000	09/27/2019	14:25
32	K5073-20		1	2.52	100	7.65	2.10	0.036	0.036	0.000	0.000	09/27/2019	14:26
33	K5073-21		1	2.53	100	7.85	2.10	0.038	0.038	0.000	0.000	09/27/2019	14:26
34	K5073-22		1	2.50	100	7.65	1.65	0.048	0.048	0.000	0.000	09/27/2019	14:27
35	PB123445BL		1	2.52	100	7.15	2.01	0.000	0.000	0.000	0.000	09/27/2019	14:27
36	PB123445BS	20	1	2.51	100	7.50	1.60	0.000	0.378	0.378	0.473	09/27/2019	14:28
37	K5072-01		1	2.59	100	7.15	1.60	0.009	0.009	0.000	0.000	09/27/2019	14:45
38	K5072-01DUP		1	2.59	100	7.65	2.10	0.009	0.009	0.000	0.000	09/27/2019	14:45
39	CCV4	0.5	1	100	100		2.05	0.000	0.389	0.389	0.486	09/27/2019	14:46
40	CCB4		1	100	100		2.10	0.000	0.000	0.000	0.000	09/27/2019	14:46
41	K5072-02MSPre	40	2	2.50	100	7.15	1.60	0.009	0.361	0.352	0.440	09/27/2019	14:47
42	K5072-02MS2Ins	1284	40	2.50	100	7.12	1.65	0.009	0.651	0.642	0.803	09/27/2019	14:47

43	K5072-02MS3Post	40	2	2.50	100	7.15	1.65	0.009	0.389	0.380	0.475	09/27/2019	14:48
44	K5072-04		1	2.58	100	7.12	1.65	0.023	0.023	0.000	0.000	09/27/2019	14:49
45	K5072-05		1	2.57	100	7.15	1.56	0.046	0.046	0.000	0.000	09/27/2019	14:49
46	K5072-06		1	2.50	100	7.65	1.65	0.029	0.029	0.000	0.000	09/27/2019	14:50
47	K5072-07		1	2.51	100	7.85	1.56	0.032	0.032	0.000	0.000	09/27/2019	14:50
48	K5072-08		1	2.59	100	7.12	2.10	0.031	0.031	0.000	0.000	09/27/2019	14:51
49	K5072-09		1	2.57	100	7.12	2.01	0.039	0.039	0.000	0.000	09/27/2019	14:52
50	K5072-10		1	2.59	100	7.50	1.65	0.036	0.036	0.000	0.000	09/27/2019	14:53
51	CCV5	0.5	1	100	100		2.05	0.000	0.381	0.381	0.476	09/27/2019	14:53
52	CCB5		1	100	100		1.60	0.000	0.000	0.000	0.000	09/27/2019	14:54
53	K5072-11		1	2.58	100	7.65	2.10	0.032	0.032	0.000	0.000	09/27/2019	14:55
54	K5072-12		1	2.51	100	7.50	2.10	0.023	0.023	0.000	0.000	09/27/2019	14:55
55	CCV6	0.5	1	100	100		2.10	0.000	0.386	0.386	0.483	09/27/2019	14:56
56	CCB6		1	100	100		1.65	0.000	0.000	0.000	0.000	09/27/2019	14:57