

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105935

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79314
Calibratation STD Hexa Chrome 0.5 PPM	WP79315
Calibration Std. hexchrome 0.1 ppm	WP79320
Calibration Std. hexchrome 0.05 ppm	WP79319
calibration std. hexchrome 0.01 ppm	WP79318
calibration std. hexchrome 0 ppm	WP79317
Hexavalent Chromium ICV Std.	WP79322
Hexavalent Chromium CCV Std	WP79321
Hexavalent Chromium LCS Std	WP79323
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP79316

Intercept: -0.0003

Slope: 0.8007

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	10/25/2019	14:19
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	10/25/2019	14:19
3	CAL3	0.025	1	100	100		2.10	0.000	0.020	0.020	10/25/2019	14:20
4	CAL4	0.05	1	100	100		1.60	0.000	0.040	0.040	10/25/2019	14:20
5	CAL5	0.1	1	100	100		1.65	0.000	0.079	0.079	10/25/2019	14:21
6	CAL6	0.5	1	100	100		1.65	0.000	0.399	0.399	10/25/2019	14:21
7	CAL7	1	1	100	100		1.56	0.000	0.801	0.801	10/25/2019	14:23

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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	0.384	0.384	0.480	10/25/2019	14:24
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	10/25/2019	14:25
3	CCV1	0.5	1	100	100		1.56	0.000	0.384	0.384	0.480	10/25/2019	14:35
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	10/25/2019	14:35
5	PB124302BL		1	2.52	100	7.12	1.56	0.000	0.000	0.000	0.000	10/25/2019	14:36
6	PB124302BS	20	1	2.52	100	7.15	2.10	0.000	0.385	0.385	0.481	10/25/2019	14:36
7	K5501-01		1	2.53	100	7.85	1.56	0.014	0.014	0.000	0.000	10/25/2019	14:37
8	K5501-01DUP		1	2.51	100	7.65	2.10	0.014	0.014	0.000	0.000	10/25/2019	14:37
9	K5501-01MSPre	40	2	2.50	100	7.50	1.56	0.014	0.371	0.357	0.446	10/25/2019	14:38
10	K5501-01MS2Ins	1284	40	2.50	100	7.15	2.10	0.014	0.661	0.647	0.808	10/25/2019	14:38
11	K5501-01MS3Post	40	2	2.54	100	7.12	2.05	0.014	0.395	0.381	0.476	10/25/2019	14:39
12	K5501-03		1	2.52	100	7.85	1.60	0.021	0.021	0.000	0.000	10/25/2019	14:39
13	K5501-05		1	2.52	100	7.12	2.05	0.016	0.016	0.000	0.000	10/25/2019	14:40
14	K5501-07		1	2.54	100	7.12	2.05	0.016	0.016	0.000	0.000	10/25/2019	14:40
15	CCV2	0.5	1	100	100		1.56	0.000	0.379	0.379	0.474	10/25/2019	14:41
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.000	10/25/2019	14:42
17	K5501-09		1	2.50	100	7.15	1.56	0.016	0.016	0.000	0.000	10/25/2019	14:42
18	K5501-11		1	2.55	100	7.12	2.10	0.017	0.017	0.000	0.000	10/25/2019	14:43
19	K5501-13		1	2.54	100	7.85	1.56	0.019	0.019	0.000	0.000	10/25/2019	14:43
20	K5501-15		1	2.51	100	7.15	2.05	0.016	0.016	0.000	0.000	10/25/2019	14:44
21	K5501-17		1	2.52	100	7.85	2.01	0.020	0.020	0.000	0.000	10/25/2019	14:44
22	K5501-19		1	2.55	100	7.65	1.56	0.023	0.023	0.000	0.000	10/25/2019	14:45
23	PB124303BL		1	2.52	100	7.12	2.10	0.000	0.000	0.000	0.000	10/25/2019	14:45
24	PB124303BS	20	1	2.52	100	7.50	2.10	0.000	0.379	0.379	0.474	10/25/2019	14:46
25	K5153-05		1	2.53	100	7.15	1.56	0.011	0.011	0.000	0.000	10/25/2019	14:47
26	K5153-05DUP		1	2.51	100	7.85	2.10	0.011	0.011	0.000	0.000	10/25/2019	14:48
27	CCV3	0.5	1	100	100		2.10	0.000	0.389	0.389	0.486	10/25/2019	14:48
28	CCB3		1	100	100		1.56	0.000	0.000	0.000	0.000	10/25/2019	14:50
29	K5153-05MSPre	40	2	2.50	100	7.50	1.56	0.011	0.371	0.360	0.450	10/25/2019	14:50
30	K5153-05MS2Ins	1284	40	2.50	100	7.85	1.56	0.011	0.665	0.654	0.817	10/25/2019	14:51
31	K5153-05MS3Post	40	2	2.54	100	7.15	1.65	0.011	0.391	0.380	0.475	10/25/2019	14:52
32	K5500-07		1	2.52	100	7.12	2.10	0.031	0.031	0.000	0.000	10/25/2019	14:53
33	K5500-09		1	2.54	100	7.15	1.60	0.015	0.015	0.000	0.000	10/25/2019	14:53
34	K5503-01		1	2.52	100	7.12	2.05	0.019	0.019	0.000	0.000	10/25/2019	14:54
35	K5503-03		1	2.55	100	7.15	1.56	0.012	0.012	0.000	0.000	10/25/2019	14:54
36	K5503-05		1	2.55	100	7.15	2.10	0.013	0.013	0.000	0.000	10/25/2019	14:55
37	K5503-07		1	2.50	100	7.12	2.10	0.019	0.019	0.000	0.000	10/25/2019	14:55
38	K5503-09		1	2.50	100	7.85	1.60	0.018	0.018	0.000	0.000	10/25/2019	14:56
39	CCV4	0.5	1	100	100		2.10	0.000	0.375	0.375	0.469	10/25/2019	14:57
40	CCB4		1	100	100		2.10	0.000	0.000	0.000	0.000	10/25/2019	14:58
41	K5503-11		1	2.50	100	7.50	1.56	0.019	0.019	0.000	0.000	10/25/2019	14:58
42	K5503-13		1	2.55	100	7.25	2.10	0.012	0.012	0.000	0.000	10/25/2019	14:58

43	K5503-15		1	2.50	100	7.12	2.10	0.019	0.019	0.000	0.000	10/25/2019	14:59
44	K5503-17		1	2.53	100	7.15	2.10	0.010	0.010	0.000	0.000	10/25/2019	15:00
45	K5503-19		1	2.56	100	7.12	2.05	0.016	0.016	0.000	0.000	10/25/2019	15:00
46	PB124304BL		1	2.52	100	7.50	1.60	0.000	0.000	0.000	0.000	10/25/2019	15:01
47	PB124304BS	20	1	2.50	100	7.12	2.01	0.000	0.385	0.385	0.481	10/25/2019	15:01
48	K5500-01		1	2.53	100	7.15	2.10	0.012	0.012	0.000	0.000	10/25/2019	15:02
49	K5500-01DUP		1	2.51	100	7.12	2.10	0.012	0.012	0.000	0.000	10/25/2019	15:03
50	K5500-01MSPre	40	2	2.50	100	7.12	1.60	0.012	0.372	0.360	0.450	10/25/2019	15:03
51	CCV5	0.5	1	100	100		2.10	0.000	0.379	0.379	0.474	10/25/2019	15:04
52	CCB5		1	100	100		1.56	0.000	0.000	0.000	0.000	10/25/2019	15:05
53	K5500-01MS2Ins	1284	40	2.50	100	7.12	1.60	0.012	0.661	0.649	0.811	10/25/2019	15:06
54	K5500-01MS3Post	40	2	2.54	100	7.25	2.05	0.012	0.394	0.382	0.477	10/25/2019	15:06
55	K5500-03		1	2.52	100	7.65	2.05	0.016	0.016	0.000	0.000	10/25/2019	15:07
56	K5500-05		1	2.50	100	7.12	2.05	0.019	0.019	0.000	0.000	10/25/2019	15:07
57	K5502-01		1	2.53	100	7.50	2.10	0.019	0.019	0.000	0.000	10/25/2019	15:08
58	K5502-03		1	2.51	100	7.50	1.65	0.015	0.015	0.000	0.000	10/25/2019	15:09
59	K5502-05		1	2.50	100	7.15	1.56	0.018	0.018	0.000	0.000	10/25/2019	15:09
60	K5502-07		1	2.51	100	7.50	2.05	0.017	0.017	0.000	0.000	10/25/2019	15:10
61	K5502-09		1	2.50	100	7.65	1.56	0.016	0.016	0.000	0.000	10/25/2019	15:10
62	K5502-11		1	2.53	100	7.12	2.10	0.013	0.013	0.000	0.000	10/25/2019	15:11
63	CCV6	0.5	1	100	100		2.10	0.000	0.378	0.378	0.472	10/25/2019	15:12
64	CCB6		1	100	100		2.05	0.000	0.000	0.000	0.000	10/25/2019	15:12
65	K5502-13		1	2.52	100	7.12	2.10	0.018	0.018	0.000	0.000	10/25/2019	15:13
66	K5502-15		1	2.51	100	7.50	2.10	0.018	0.018	0.000	0.000	10/25/2019	15:13
67	K5502-17		1	2.53	100	7.50	1.56	0.010	0.010	0.000	0.000	10/25/2019	15:14
68	K5502-19		1	2.55	100	7.65	1.60	0.016	0.016	0.000	0.000	10/25/2019	15:15
69	CCV7	0.5	1	100	100		1.60	0.000	0.389	0.389	0.486	10/25/2019	15:16
70	CCB7		1	100	100		1.60	0.000	0.000	0.000	0.000	10/25/2019	15:16