

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105902

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79271
Calibratation STD Hexa Chrome 0.5 PPM	WP79272
Calibration Std. hexchrome 0.1 ppm	WP79277
Calibration Std. hexchrome 0.05 ppm	WP79276
calibration std. hexchrome 0.01 ppm	WP79275
calibration std. hexchrome 0 ppm	WP79274
Hexavalent Chromium ICV Std.	WP79279
Hexavalent Chromium CCV Std	WP79278
Hexavalent Chromium LCS Std	WP79280
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP79273

Intercept: 0.0001

Slope: 0.7995

Regression: 0.999997

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	10/24/2019	12:30
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	10/24/2019	12:30
3	CAL3	0.025	1	100	100		1.65	0.000	0.020	0.020	10/24/2019	12:31
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	10/24/2019	12:31
5	CAL5	0.1	1	100	100		1.65	0.000	0.081	0.081	10/24/2019	12:33
6	CAL6	0.5	1	100	100		2.10	0.000	0.401	0.401	10/24/2019	12:33
7	CAL7	1	1	100	100		1.56	0.000	0.799	0.799	10/24/2019	12:34

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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	0.389	0.389	0.486	10/24/2019	12:35
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	10/24/2019	12:35
3	CCV1	0.5	1	100	100		2.10	0.000	0.386	0.386	0.483	10/24/2019	13:00
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	10/24/2019	13:00
5	PB124262BL		1	2.51	100	7.12	1.56	0.000	0.000	0.000	0.000	10/24/2019	13:01
6	PB124262BS	20	1	2.51	100	7.50	2.05	0.000	0.381	0.381	0.476	10/24/2019	13:01
7	K5145-04		1	2.53	100	7.25	2.10	0.012	0.012	0.000	0.000	10/24/2019	13:02
8	K5148-09		1	2.53	100	7.85	1.60	0.013	0.013	0.000	0.000	10/24/2019	13:02
9	K5148-09DUP		1	2.50	100	7.12	1.60	0.013	0.013	0.000	0.000	10/24/2019	13:03
10	K5148-09MSPre	40	2	2.50	100	7.12	2.10	0.013	0.269	0.256	0.320	10/24/2019	13:03
11	K5148-09MS2Ins	1284	40	2.54	100	7.25	1.65	0.013	0.665	0.652	0.815	10/24/2019	13:04
12	K5148-09MS3Post	40	2	2.52	100	7.25	2.10	0.013	0.295	0.282	0.353	10/24/2019	13:04
13	K5498-01		1	2.51	100	7.25	2.10	0.022	0.022	0.000	0.000	10/24/2019	13:05
14	K5498-03		1	2.50	100	7.12	2.10	0.016	0.016	0.000	0.000	10/24/2019	13:05
15	CCV2	0.5	1	100	100		1.56	0.000	0.381	0.381	0.476	10/24/2019	13:06
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	10/24/2019	13:07
17	K5498-05		1	2.53	100	7.12	2.05	0.011	0.011	0.000	0.000	10/24/2019	13:07
18	K5498-07		1	2.51	100	7.85	2.10	0.016	0.016	0.000	0.000	10/24/2019	13:08
19	K5498-09		1	2.50	100	7.15	1.65	0.019	0.019	0.000	0.000	10/24/2019	13:08
20	K5498-11		1	2.50	100	7.12	2.10	0.012	0.012	0.000	0.000	10/24/2019	13:09
21	K5498-13		1	2.54	100	7.15	1.60	0.016	0.016	0.000	0.000	10/24/2019	13:09
22	K5498-15		1	2.54	100	7.65	2.10	0.025	0.025	0.000	0.000	10/24/2019	13:10
23	K5498-17		1	2.54	100	7.12	1.56	0.026	0.026	0.000	0.000	10/24/2019	13:11
24	K5498-19		1	2.50	100	7.12	1.60	0.015	0.015	0.000	0.000	10/24/2019	13:12
25	PB124273BL		1	2.52	100	7.50	1.56	0.000	0.000	0.000	0.000	10/24/2019	13:13
26	PB124273BS	20	1	2.56	100	7.25	1.60	0.000	0.383	0.383	0.479	10/24/2019	13:14
27	CCV3	0.5	1	100	100		2.10	0.000	0.371	0.371	0.464	10/24/2019	13:15
28	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	10/24/2019	13:15
29	K5499-01		1	2.53	100	7.12	2.05	0.016	0.016	0.000	0.000	10/24/2019	13:16
30	K5499-01DUP		1	2.51	100	7.15	2.10	0.016	0.016	0.000	0.000	10/24/2019	13:16
31	K5499-01MSPre	40	2	2.50	100	7.85	1.56	0.016	0.372	0.356	0.445	10/24/2019	13:17
32	K5499-01MS2Ins	1284	40	2.50	100	7.12	2.05	0.016	0.661	0.645	0.807	10/24/2019	13:18
33	K5499-01MS3Post	40	2	2.54	100	7.12	2.10	0.016	0.394	0.378	0.473	10/24/2019	13:19
34	K5499-03		1	2.52	100	7.12	1.56	0.013	0.013	0.000	0.000	10/24/2019	13:19
35	K5499-05		1	2.55	100	7.50	2.10	0.015	0.015	0.000	0.000	10/24/2019	13:20
36	K5499-07		1	2.50	100	7.15	2.10	0.020	0.020	0.000	0.000	10/24/2019	13:21
37	K5499-09		1	2.50	100	7.12	1.65	0.028	0.028	0.000	0.000	10/24/2019	13:22
38	K5499-11		1	2.55	100	7.65	1.56	0.015	0.015	0.000	0.000	10/24/2019	13:22
39	CCV4	0.5	1	100	100		2.10	0.000	0.381	0.381	0.476	10/24/2019	13:23
40	CCB4		1	100	100		2.10	0.000	0.000	0.000	0.000	10/24/2019	13:23
41	K5499-13		1	2.54	100	7.50	1.56	0.019	0.019	0.000	0.000	10/24/2019	13:24
42	K5499-15		1	2.53	100	7.12	1.60	0.019	0.019	0.000	0.000	10/24/2019	13:25

43	K5499-17		1	2.53	100	7.12	2.10	0.018	0.018	0.000	0.000	10/24/2019	13:26
44	K5499-19		1	2.52	100	7.12	2.10	0.021	0.021	0.000	0.000	10/24/2019	13:27
45	K5512-01		1	2.51	100	7.50	2.05	0.028	0.028	0.000	0.000	10/24/2019	13:28
46	CCV5	0.5	1	100	100		1.65	0.000	0.379	0.379	0.474	10/24/2019	13:29
47	CCB5		1	100	100		2.10	0.000	0.000	0.000	0.000	10/24/2019	13:29