

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105971

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79383
Calibratation STD Hexa Chrome 0.5 PPM	WP79384
Calibration Std. hexchrome 0.1 ppm	WP79389
Calibration Std. hexchrome 0.05 ppm	WP79388
calibration std. hexchrome 0.01 ppm	WP79387
calibration std. hexchrome 0 ppm	WP79386
Hexavalent Chromium ICV Std.	WP79391
Hexavalent Chromium CCV Std	WP79390
Hexavalent Chromium LCS Std	WP79392
hexavalent chromium color reagent	WP79393
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP79385

Intercept: -0.0003

Slope: 0.7995

Regression: 0.999999

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		1.56	0.000	0.000	0.000	10/28/2019	14:03
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	10/28/2019	14:03
3	CAL3	0.025	1	100	100		1.60	0.000	0.020	0.020	10/28/2019	14:04
4	CAL4	0.05	1	100	100		1.65	0.000	0.039	0.039	10/28/2019	14:04
5	CAL5	0.1	1	100	100		1.65	0.000	0.079	0.079	10/28/2019	14:05
6	CAL6	0.5	1	100	100		2.00	0.000	0.400	0.400	10/28/2019	14:05
7	CAL7	1	1	100	100		2.10	0.000	0.799	0.799	10/28/2019	14:06



Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105971

pH Meter ID: WC PH METER-1

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	0.481	10/28/2019	14:29
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	10/28/2019	14:29
3	CCV1	0.5	1	100	100		1.65	0.000	0.384	0.384	0.481	10/28/2019	14:30
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	10/28/2019	14:31
5	PB124351BL		1	2.52	100	7.12	2.05	0.000	0.000	0.000	0.000	10/28/2019	14:32
6	PB124351BS	20	1	2.50	100	7.15	1.56	0.000	0.379	0.379	0.474	10/28/2019	14:32
7	K5140-05		1	2.53	100	7.50	1.60	0.013	0.013	0.000	0.000	10/28/2019	14:33
8	K5140-05DUP		1	2.51	100	7.50	2.10	0.013	0.013	0.000	0.000	10/28/2019	14:34
9	K5140-05MSPre	40	2	2.50	100	7.85	1.65	0.013	0.369	0.356	0.446	10/28/2019	14:35
10	K5140-05MS2Ins	1284	40	2.50	100	7.25	1.56	0.013	0.661	0.648	0.811	10/28/2019	14:35
11	K5140-05MS3Post	40	2	2.51	100	7.15	1.60	0.013	0.394	0.381	0.477	10/28/2019	14:36
12	K5539-01		1	2.52	100	7.15	2.10	0.016	0.016	0.000	0.000	10/28/2019	14:36
13	K5539-03		1	2.50	100	7.15	2.05	0.019	0.019	0.000	0.000	10/28/2019	14:37
14	K5539-05		1	2.52	100	7.25	2.05	0.020	0.020	0.000	0.000	10/28/2019	14:37
15	CCV2	0.5	1	100	100		2.05	0.000	0.379	0.379	0.474	10/28/2019	14:38
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	10/28/2019	14:38
17	K5539-07		1	2.51	100	7.65	1.65	0.019	0.019	0.000	0.000	10/28/2019	14:39
18	K5539-09		1	2.50	100	7.15	2.10	0.022	0.022	0.000	0.000	10/28/2019	14:40
19	K5539-11		1	2.51	100	7.12	1.56	0.022	0.022	0.000	0.000	10/28/2019	14:40
20	K5539-13		1	2.50	100	7.15	2.05	0.031	0.031	0.000	0.000	10/28/2019	14:41
21	K5539-15		1	2.55	100	7.12	1.56	0.012	0.012	0.000	0.000	10/28/2019	14:41
22	K5539-17		1	2.50	100	7.65	1.65	0.017	0.017	0.000	0.000	10/28/2019	14:42
23	K5539-19		1	2.54	100	7.12	1.56	0.018	0.018	0.000	0.000	10/28/2019	14:43
24	K5540-01		1	2.51	100	7.50	1.56	0.009	0.009	0.000	0.000	10/28/2019	14:43
25	K5540-03		1	2.55	100	7.12	1.56	0.019	0.019	0.000	0.000	10/28/2019	14:44
26	PB124352BL		1	2.52	100	7.25	2.10	0.000	0.000	0.000	0.000	10/28/2019	14:45
27	CCV3	0.5	1	100	100		1.56	0.000	0.378	0.378	0.473	10/28/2019	14:45
28	CCB3		1	100	100		1.56	0.000	0.000	0.000	0.000	10/28/2019	14:46
29	PB124352BS	20	1	2.52	100	7.50	1.65	0.000	0.391	0.391	0.489	10/28/2019	14:47
30	K5540-05		1	2.53	100	7.12	1.56	0.015	0.015	0.000	0.000	10/28/2019	14:47
31	K5540-05DUP		1	2.51	100	7.85	2.10	0.015	0.015	0.000	0.000	10/28/2019	14:49
32	K5540-05MSPre	40	2	2.50	100	7.85	1.60	0.015	0.372	0.357	0.447	10/28/2019	14:49
33	K5540-05MS2Ins	1284	40	2.50	100	7.50	2.10	0.015	0.675	0.660	0.826	10/28/2019	14:50
34	K5540-05MS3Post	40	2	2.54	100	7.12	2.10	0.015	0.395	0.380	0.476	10/28/2019	14:52
35	K5540-07		1	2.52	100	7.65	1.60	0.019	0.019	0.000	0.000	10/28/2019	14:52
36	K5540-09		1	2.52	100	7.15	2.10	0.010	0.010	0.000	0.000	10/28/2019	14:52
37	K5540-11		1	2.53	100	7.12	1.56	0.019	0.019	0.000	0.000	10/28/2019	14:53
38	K5540-13		1	2.51	100	7.65	2.05	0.020	0.020	0.000	0.000	10/28/2019	14:53
39	CCV4	0.5	1	100	100		1.56	0.000	0.378	0.378	0.473	10/28/2019	14:54
40	CCB4		1	100	100		1.60	0.000	0.000	0.000	0.000	10/28/2019	14:54
41	K5540-15		1	2.50	100	7.65	2.10	0.019	0.019	0.000	0.000	10/28/2019	14:55
42	K5540-17		1	2.51	100	7.12	2.05	0.018	0.018	0.000	0.000	10/28/2019	14:56

43	K5540-19		1	2.53	100	7.12	1.60	0.017	0.017	0.000	0.000	10/28/2019	14:56
44	K5541-01		1	2.50	100	7.12	2.10	0.017	0.017	0.000	0.000	10/28/2019	14:57
45	K5541-03		1	2.51	100	7.12	1.65	0.018	0.018	0.000	0.000	10/28/2019	14:57
46	K5541-05		1	2.53	100	7.25	1.56	0.012	0.012	0.000	0.000	10/28/2019	14:59
47	K5541-07		1	2.55	100	7.50	1.56	0.016	0.016	0.000	0.000	10/28/2019	14:59
48	K5541-09		1	2.50	100	7.85	1.56	0.015	0.015	0.000	0.000	10/28/2019	15:00
49	CCV5	0.5	1	100	100		1.65	0.000	0.385	0.385	0.482	10/28/2019	15:01
50	CCB5		1	100	100		1.56	0.000	0.000	0.000	0.000	10/28/2019	15:01