

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105590

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78746
Calibratation STD Hexa Chrome 0.5 PPM	WP78747
Calibration Std. hexchrome 0.1 ppm	WP78752
Calibration Std. hexchrome 0.05 ppm	WP78751
calibration std. hexchrome 0.01 ppm	WP78750
calibration std. hexchrome 0 ppm	WP78749
Hexavalent Chromium ICV Std.	WP78754
Hexavalent Chromium CCV Std	WP78753
Hexavalent Chromium LCS Std	WP78755
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP78748

Intercept: -0.0001

Slope: 0.8009

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	10/09/2019	12:15
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	10/09/2019	12:16
3	CAL3	0.025	1	100	100		1.56	0.000	0.020	0.020	10/09/2019	12:16
4	CAL4	0.05	1	100	100		1.65	0.000	0.039	0.039	10/09/2019	12:17
5	CAL5	0.1	1	100	100		2.01	0.000	0.081	0.081	10/09/2019	12:17
6	CAL6	0.5	1	100	100		2.10	0.000	0.400	0.400	10/09/2019	12:18
7	CAL7	1	1	100	100		1.60	0.000	0.801	0.801	10/09/2019	12:18

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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	10/09/2019	12:19
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	10/09/2019	12:19
3	CCV1	0.5	1	100	100		2.05	0.000	0.375	0.375	0.468	10/09/2019	12:20
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	10/09/2019	12:20
5	PB123794BL		1	2.52	100	7.12	1.60	0.000	0.000	0.000	0.000	10/09/2019	12:21
6	PB123794BS	20	1	2.50	100	7.15	1.65	0.000	0.389	0.389	0.486	10/09/2019	12:22
7	K5147-01		1	2.53	100	7.85	2.10	0.012	0.012	0.000	0.000	10/09/2019	12:22
8	K5147-01DUP		1	2.51	100	7.12	2.10	0.012	0.012	0.000	0.000	10/09/2019	12:22
9	K5147-01MSPre	40	2	2.50	100	7.50	2.01	0.012	0.365	0.353	0.441	10/09/2019	12:23
10	K5147-01MS2Ins	1284	40	2.50	100	7.25	2.10	0.012	0.672	0.660	0.824	10/09/2019	12:23
11	K5147-01MS3Post	40	2	2.54	100	7.15	1.65	0.012	0.391	0.379	0.473	10/09/2019	12:24
12	K5152-01		1	2.52	100	7.12	2.10	0.011	0.011	0.000	0.000	10/09/2019	12:25
13	K5238-01		1	2.54	100	7.65	2.10	0.017	0.017	0.000	0.000	10/09/2019	12:25
14	K5239-01		1	2.52	100	7.15	1.56	0.013	0.013	0.000	0.000	10/09/2019	12:26
15	CCV2	0.5	1	100	100		2.10	0.000	0.381	0.381	0.476	10/09/2019	12:26
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	10/09/2019	12:27
17	K5281-01		1	2.50	100	7.15	1.65	0.026	0.026	0.000	0.000	10/09/2019	12:27
18	K5284-01		1	2.55	100	7.85	1.56	0.022	0.022	0.000	0.000	10/09/2019	12:28
19	K5285-03		1	2.50	100	7.65	1.56	0.017	0.017	0.000	0.000	10/09/2019	12:28
20	K5285-07		1	2.54	100	7.50	1.56	0.019	0.019	0.000	0.000	10/09/2019	12:30
21	K5285-11		1	2.55	100	7.12	2.10	0.020	0.020	0.000	0.000	10/09/2019	12:30
22	K5285-15		1	2.55	100	7.12	2.10	0.012	0.012	0.000	0.000	10/09/2019	12:31
23	CCV3	0.5	1	100	100		1.56	0.000	0.379	0.379	0.473	10/09/2019	12:31
24	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	10/09/2019	12:32