

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104584

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77321
Calibratation STD Hexa Chrome 0.5 PPM	WP77322
Calibration Std. hexchrome 0.1 ppm	WP77327
Calibration Std. hexchrome 0.05 ppm	WP77326
calibration std. hexchrome 0.01 ppm	WP77325
calibration std. hexchrome 0 ppm	WP77324
Hexavalent Chromium ICV Std.	WP77340
Hexavalent Chromium CCV Std	WP77339
Hexavalent Chromium LCS Std	WP77341
hexavalent chromium color reagent	WP77220
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77323

Intercept: 0.0003

Slope: 0.7993

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		1.65	0.000	0.000	0.000	08/14/2019	10:32
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	08/14/2019	10:32
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	08/14/2019	10:33
4	CAL4	0.05	1	100	100		2.01	0.000	0.041	0.041	08/14/2019	10:33
5	CAL5	0.1	1	100	100		1.56	0.000	0.081	0.081	08/14/2019	10:34
6	CAL6	0.5	1	100	100		1.56	0.000	0.399	0.399	08/14/2019	10:35
7	CAL7	1	1	100	100		1.60	0.000	0.800	0.800	08/14/2019	10:35



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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	0.406	0.406	0.508	08/14/2019	10:36
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.000	08/14/2019	10:36
3	CCV1	0.5	1	100	100		1.68	0.000	0.385	0.385	0.481	08/14/2019	10:37
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	0.000	08/14/2019	10:38
5	PB122252BL		1	2.52	100	7.12	2.10	0.000	0.000	0.000	0.000	08/14/2019	10:38
6	PB122252BS	20	1	2.54	100	7.25	2.01	0.000	0.374	0.374	0.468	08/14/2019	10:39
7	K4106-01		1	2.53	100	7.65	1.56	0.011	0.011	0.000	0.000	08/14/2019	10:40
8	K4106-01DUP		1	2.51	100	7.15	2.01	0.011	0.011	0.000	0.000	08/14/2019	10:40
9	K4106-01MSPre	40	2	2.50	100	7.50	2.01	0.011	0.351	0.340	0.425	08/14/2019	10:41
10	K4106-01MS2Ins	1284	40	2.50	100	7.65	2.01	0.011	0.672	0.661	0.827	08/14/2019	10:42
11	K4106-01MS3Post	40	2	2.51	100	7.85	1.56	0.011	0.391	0.380	0.475	08/14/2019	10:42
12	K4328-01		1	2.52	100	7.50	2.05	0.008	0.008	0.000	0.000	08/14/2019	10:43
13	K4329-01		1	2.52	100	7.85	2.10	0.021	0.021	0.000	0.000	08/14/2019	10:43
14	K4340-01		1	2.52	100	7.50	2.01	0.016	0.016	0.000	0.000	08/14/2019	10:44
15	CCV2	0.5	1	100	100		2.10	0.000	0.400	0.400	0.500	08/14/2019	10:45
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	08/14/2019	10:45
17	K4340-03		1	2.55	100	7.65	1.56	0.019	0.019	0.000	0.000	08/14/2019	10:46
18	CCV3	0.5	1	100	100		1.56	0.000	0.389	0.389	0.486	08/14/2019	10:46
19	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.000	08/14/2019	10:46