

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105054

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77921
Calibratation STD Hexa Chrome 0.5 PPM	WP77922
Calibration Std. hexchrome 0.1 ppm	WP77927
Calibration Std. hexchrome 0.05 ppm	WP77926
calibration std. hexchrome 0.01 ppm	WP77925
calibration std. hexchrome 0 ppm	WP77924
Hexavalent Chromium ICV Std.	WP77929
Hexavalent Chromium CCV Std	WP77928
Hexavalent Chromium LCS Std	WP77930
hexavalent chromium color reagent	WP77843
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77923

Intercept: -0.0001

Slope: 0.8022

Regression: 0.999992

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	09/10/2019	11:50
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	09/10/2019	11:51
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	09/10/2019	11:51
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	09/10/2019	11:52
5	CAL5	0.1	1	100	100		1.56	0.000	0.082	0.082	09/10/2019	11:53
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	09/10/2019	11:54
7	CAL7	1	1	100	100		1.88	0.000	0.803	0.803	09/10/2019	11:54

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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		1.90	0.000	0.384	0.384	0.479	09/10/2019	11:55
2	ICB		1	100	100		1.86	0.000	0.000	0.000	0.000	09/10/2019	11:55
3	CCV1	0.5	1	100	100		2.10	0.000	0.385	0.385	0.480	09/10/2019	11:56
4	CCB1		1	100	100		1.65	0.000	0.000	0.000	0.000	09/10/2019	11:57
5	PB122955BL		1	2.52	100	7.12	1.60	0.000	0.000	0.000	0.000	09/10/2019	11:57
6	PB122955BS	20	1	2.55	100	7.25	1.56	0.000	0.372	0.372	0.464	09/10/2019	11:58
7	K4738-01		1	2.53	100	7.50	2.10	0.013	0.013	0.000	0.000	09/10/2019	11:59
8	K4738-01DUP		1	2.51	100	7.65	2.10	0.013	0.013	0.000	0.000	09/10/2019	11:59
9	K4738-01MSPre	40	2	2.50	100	7.15	1.65	0.013	0.365	0.352	0.439	09/10/2019	12:00
10	K4738-01MS2Ins	1284	40	2.50	100	7.50	1.60	0.013	0.672	0.659	0.822	09/10/2019	12:00
11	K4738-01MS3Post	40	2	2.51	100	7.85	1.60	0.013	0.385	0.372	0.464	09/10/2019	12:01
12	K4764-04		1	2.51	100	7.15	2.10	0.011	0.011	0.000	0.000	09/10/2019	12:01
13	K4764-05		1	2.51	100	7.85	2.00	0.022	0.022	0.000	0.000	09/10/2019	12:03
14	K4764-06		1	2.53	100	7.12	2.02	0.026	0.026	0.000	0.000	09/10/2019	12:03
15	CCV2	0.5	1	100	100		2.06	0.000	0.394	0.394	0.491	09/10/2019	12:04
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	09/10/2019	12:05
17	K4786-01		1	2.51	100	7.50	1.84	0.013	0.013	0.000	0.000	09/10/2019	12:06
18	K4786-03		1	2.52	100	7.85	1.70	0.016	0.016	0.000	0.000	09/10/2019	12:07
19	K4786-05		1	2.52	100	7.15	1.62	0.018	0.018	0.000	0.000	09/10/2019	12:08
20	K4786-07		1	2.50	100	7.12	1.65	0.019	0.019	0.000	0.000	09/10/2019	12:09
21	K4787-01		1	2.55	100	7.50	2.10	0.015	0.015	0.000	0.000	09/10/2019	12:10
22	K4787-05		1	2.55	100	7.25	1.60	0.016	0.016	0.000	0.000	09/10/2019	12:11
23	K4787-09		1	2.52	100	7.15	2.10	0.014	0.014	0.000	0.000	09/10/2019	12:12
24	CCV3	0.5	1	100	100		2.10	0.000	0.375	0.375	0.468	09/10/2019	12:12
25	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	09/10/2019	12:13