

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105113

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77983
Calibratation STD Hexa Chrome 0.5 PPM	WP77984
Calibration Std. hexchrome 0.1 ppm	WP77989
Calibration Std. hexchrome 0.05 ppm	WP77988
calibration std. hexchrome 0.01 ppm	WP77987
calibration std. hexchrome 0 ppm	WP77986
Hexavalent Chromium ICV Std.	WP77990
Hexavalent Chromium CCV Std	WP78006
Hexavalent Chromium LCS Std	WP77991
hexavalent chromium color reagent	WP77968
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP77985

Intercept: -0

Slope: 0.8014

Regression: 0.999993

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	09/13/2019	11:35
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	09/13/2019	11:36
3	CAL3	0.025	1	100	100		2.05	0.000	0.020	0.020	09/13/2019	11:36
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	09/13/2019	11:37
5	CAL5	0.1	1	100	100		2.01	0.000	0.082	0.082	09/13/2019	11:38
6	CAL6	0.5	1	100	100		2.01	0.000	0.399	0.399	09/13/2019	11:39
7	CAL7	1	1	100	100		1.56	0.000	0.802	0.802	09/13/2019	11:40



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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		1.56	0.000	0.389	0.389	0.485	09/13/2019	11:41
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	09/13/2019	11:42
3	CCV1	0.5	1	100	100		2.01	0.000	0.385	0.385	0.480	09/13/2019	11:42
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	09/13/2019	11:43
5	PB123058BL		1	2.52	100	7.12	2.01	0.000	0.000	0.000	0.000	09/13/2019	11:44
6	PB123058BS	20	1	2.50	100	7.25	1.65	0.000	0.372	0.372	0.464	09/13/2019	11:45
7	K4666-01		1	2.53	100	7.85	1.60	0.011	0.011	0.000	0.000	09/13/2019	11:46
8	K4666-01DUP		1	2.51	100	7.50	2.05	0.011	0.011	0.000	0.000	09/13/2019	11:47
9	K4666-03		1	2.50	100	7.15	2.10	0.017	0.017	0.000	0.000	09/13/2019	11:48
10	K4668-04		1	2.50	100	7.65	2.10	0.022	0.022	0.000	0.000	09/13/2019	11:49
11	K4861-03		1	2.54	100	7.15	1.60	0.027	0.027	0.000	0.000	09/13/2019	11:50
12	K4861-07		1	2.52	100	7.12	1.60	0.019	0.019	0.000	0.000	09/13/2019	11:51
13	K4861-11		1	2.52	100	7.85	2.05	0.016	0.016	0.000	0.000	09/13/2019	11:52
14	CCV2	0.5	1	100	100		2.10	0.000	0.371	0.371	0.463	09/13/2019	11:53
15	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	09/13/2019	11:53