

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105573

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78680
Calibratation STD Hexa Chrome 0.5 PPM	WP78681
Calibration Std. hexchrome 0.1 ppm	WP78686
Calibration Std. hexchrome 0.05 ppm	WP78685
calibration std. hexchrome 0.01 ppm	WP78684
calibration std. hexchrome 0 ppm	WP78683
Hexavalent Chromium ICV Std.	WP78690
Hexavalent Chromium CCV Std	WP78689
Hexavalent Chromium LCS Std	WP78691
hexavalent chromium color reagent	WP78199
0.2N SULFURIC ACID	WP78731
Calibration std Hexachrome, 0.025ppm	WP78682

Intercept: -0.0004

Slope: 0.8009

Regression: 0.999996

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	10/08/2019	15:15
2	CAL2	0.01	1	100	100		1.56	0.000	0.007	0.007	10/08/2019	15:15
3	CAL3	0.025	1	100	100		2.10	0.000	0.019	0.019	10/08/2019	15:16
4	CAL4	0.05	1	100	100		2.10	0.000	0.040	0.040	10/08/2019	15:16
5	CAL5	0.1	1	100	100		1.60	0.000	0.081	0.081	10/08/2019	15:17
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	10/08/2019	15:17
7	CAL7	1	1	100	100		1.56	0.000	0.801	0.801	10/08/2019	15:18



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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		1.56	0.000	0.378	0.378	0.472	10/08/2019	15:18
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	10/08/2019	15:19
3	CCV1	0.5	1	100	100		2.05	0.000	0.389	0.389	0.486	10/08/2019	15:19
4	CCB1		1	100	100		1.56	0.000	0.000	0.000	0.000	10/08/2019	15:20
5	LB105573BL		1	100	100		2.01	0.000	0.000	0.000	0.000	10/08/2019	15:20
6	LB105573BS	0.5	1	100	100		1.60	0.000	0.395	0.395	0.494	10/08/2019	15:21
7	K5111-10		1	100	100		1.56	0.000	0.003	0.003	0.004	10/08/2019	15:22
8	K5111-11		1	100	100		2.10	0.000	0.007	0.007	0.009	10/08/2019	15:22
9	CCV2	0.5	1	100	100		1.65	0.000	0.385	0.385	0.481	10/08/2019	15:23
10	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	10/08/2019	15:23