

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106425

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80024
Calibratation STD Hexa Chrome 0.5 PPM	WP80025
Calibration Std. hexchrome 0.1 ppm	WP80029
Calibration Std. hexchrome 0.05 ppm	WP80028
calibration std. hexchrome 0.01 ppm	WP80027
calibration std. hexchrome 0 ppm	WP80033
Hexavalent Chromium ICV Std.	WP80031
Hexavalent Chromium CCV Std	WP80030
Hexavalent Chromium LCS Std	WP80032
hexavalent chromium color reagent	WP79867
0.2N SULFURIC ACID	WP79785
Calibration std Hexachrome, 0.025ppm	WP80026

Intercept: -0.0007

Slope: 0.8

Regression: 0.999995

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		2.12	0.000	0.000	0.000	11/21/2019	17:10
2	CAL2	0.01	1	100	100		1.97	0.000	0.008	0.008	11/21/2019	17:10
3	CAL3	0.025	1	100	100		2.07	0.000	0.020	0.020	11/21/2019	17:11
4	CAL4	0.05	1	100	100		1.94	0.001	0.039	0.038	11/21/2019	17:11
5	CAL5	0.1	1	100	100		1.98	0.000	0.079	0.079	11/21/2019	17:12
6	CAL6	0.5	1	100	100		2.04	0.001	0.399	0.398	11/21/2019	17:12
7	CAL7	1	1	100	100		2.09	0.000	0.800	0.800	11/21/2019	17:13



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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	0.384	0.384	0.481	11/21/2019	17:13
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.001	11/21/2019	17:14
3	CCV1	0.5	1	100	100		2.01	0.000	0.382	0.382	0.478	11/21/2019	17:15
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	11/21/2019	17:15
5	lb106425BL		1	100	100		2.03	0.000	0.000	0.000	0.001	11/21/2019	17:16
6	lb106425BS	0.5	1	100	100		2.06	0.000	0.378	0.378	0.473	11/21/2019	17:16
7	K5978-10		1	100	100		1.96	0.011	0.013	0.002	0.003	11/21/2019	17:17
8	K5978-10DUP		1	100	100		1.92	0.012	0.013	0.001	0.002	11/21/2019	17:17
9	K5978-10MS	1	2	100	100		2.05	0.012	0.372	0.360	0.451	11/21/2019	17:18
10	K5978-10MSD	1	2	100	100		2.06	0.012	0.374	0.362	0.453	11/21/2019	17:18
11	CCV2	0.5	1	100	100		1.94	0.000	0.382	0.382	0.478	11/21/2019	17:19
12	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.001	11/21/2019	17:19