

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106700

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80412
Calibratation STD Hexa Chrome 0.5 PPM	WP80413
Calibration Std. hexchrome 0.1 ppm	WP80418
Calibration Std. hexchrome 0.05 ppm	WP80417
calibration std. hexchrome 0.01 ppm	WP80416
calibration std. hexchrome 0 ppm	WP80415
Hexavalent Chromium ICV Std.	WP80420
Hexavalent Chromium CCV Std	WP80419
Hexavalent Chromium LCS Std	WP80421
hexavalent chromium color reagent	WP80389
0.2N SULFURIC ACID	WP79785
Calibration std Hexachrome, 0.025ppm	WP80414

Intercept: -0.0004

Slope: 0.8001

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		2.03	0.000	0.000	0.000	12/11/2019	13:32
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	12/11/2019	13:32
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	12/11/2019	13:33
4	CAL4	0.05	1	100	100		2.04	0.000	0.039	0.039	12/11/2019	13:33
5	CAL5	0.1	1	100	100		2.08	0.000	0.079	0.079	12/11/2019	13:34
6	CAL6	0.5	1	100	100		2.07	0.000	0.399	0.399	12/11/2019	13:34
7	CAL7	1	1	100	100		2.05	0.000	0.800	0.800	12/11/2019	13:35

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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	0.388	0.388	0.485	12/11/2019	13:35
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.000	12/11/2019	13:36
3	CCV1	0.5	1	100	100		2.03	0.000	0.389	0.389	0.487	12/11/2019	17:05
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	12/11/2019	17:05
5	lb106700BL		1	100	100		1.89	0.000	0.000	0.000	0.000	12/11/2019	17:06
6	lb106700BS	0.5	1	100	100		1.98	0.001	0.397	0.396	0.495	12/11/2019	17:06
7	K6258-01		1	100	100		2.04	0.002	0.004	0.002	0.003	12/11/2019	17:07
8	K6258-01DUP		1	100	100		2.09	0.002	0.004	0.002	0.003	12/11/2019	17:07
9	K6258-01MS	1	2	100	100		2.04	0.003	0.407	0.404	0.505	12/11/2019	17:08
10	K6258-01MSD	1	2	100	100		2.01	0.003	0.405	0.402	0.503	12/11/2019	17:08
11	K6258-02		1	100	100		2.06	0.002	0.003	0.001	0.002	12/11/2019	17:09
12	CCV2	0.5	1	100	100		2.04	0.000	0.377	0.377	0.472	12/11/2019	17:09
13	CCB2		1	100	100		2.01	0.000	0.000	0.000	0.000	12/11/2019	17:10