

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Apatel

Run Number: LB105146

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78028
Calibratation STD Hexa Chrome 0.5 PPM	WP78047
Calibration Std. hexchrome 0.1 ppm	WP78038
Calibration Std. hexchrome 0.05 ppm	WP78037
calibration std. hexchrome 0.01 ppm	WP78036
calibration std. hexchrome 0 ppm	WP78035
Hexavalent Chromium ICV Std.	WP78039
Hexavalent Chromium CCV Std	WP78048
Hexavalent Chromium LCS Std	WP78040
hexavalent chromium color reagent	WP77968
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP78030

Intercept: 0.0004

Slope: 0.7996

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		1.56	0.000	0.000	0.000	09/16/2019	13:06
2	CAL2	0.01	1	100	100		2.00	0.000	0.008	0.008	09/16/2019	13:06
3	CAL3	0.025	1	100	100		2.05	0.000	0.021	0.021	09/16/2019	13:07
4	CAL4	0.05	1	100	100		2.08	0.000	0.041	0.041	09/16/2019	13:07
5	CAL5	0.1	1	100	100		1.56	0.000	0.081	0.081	09/16/2019	13:08
6	CAL6	0.5	1	100	100		1.56	0.000	0.398	0.398	09/16/2019	13:08
7	CAL7	1	1	100	100		2.01	0.000	0.801	0.801	09/16/2019	13:09

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								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.10	0.000	0.391	0.391	0.488	09/16/2019	13:09
2	ICB		1	100	100		2.05	0.000	0.000	0.000	-0.001	09/16/2019	13:10
3	CCV1	0.5	1	100	100		1.56	0.000	0.398	0.398	0.497	09/16/2019	13:23
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	-0.001	09/16/2019	13:24
5	LB105146BL		1	100	100		2.10	0.000	0.000	0.000	-0.001	09/16/2019	13:34
6	LB105146BS	0.5	1	100	100		1.60	0.000	0.392	0.392	0.490	09/16/2019	13:35
7	K4843-02		1	100	100		1.56	0.000	0.219	0.219	0.273	09/16/2019	13:36
8	K4843-02DUP		1	100	100		2.10	0.000	0.220	0.220	0.275	09/16/2019	13:36
9	K4843-02MS	1	2	100	100		1.65	0.000	0.538	0.538	0.672	09/16/2019	13:37
10	K4843-02MSD	1	2	100	100		2.10	0.000	0.540	0.540	0.675	09/16/2019	13:38
11	CCV2	0.5	1	100	100		2.01	0.000	0.397	0.397	0.496	09/16/2019	13:39
12	CCB2		1	100	100		2.10	0.000	0.000	0.000	-0.001	09/16/2019	13:40