



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103771

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP75960
Calibration Std. hexchrome 0.05 ppm	WP75959
Hexavalent Chromium LCS Std	WP75963
Calibratation STD HexaChrome 1 PPM	WP75954
Calibratation STD Hexa Chrome 0.5 PPM	WP75955
calibration std. hexchrome 0.01 ppm	WP75958
calibration std. hexchrome 0 ppm	WP75957
Hexavalent Chromium ICV Std.	WP75962
Hexavalent Chromium CCV Std	WP75961
hexavalent chromium color reagent	WP75833
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP75956

Intercept: -0.0008

Slope: 0.7889

Regression: 0.999988

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		2.45	0.000	0.000	0.000	07/02/2019	13:00
2	CAL2	0.01	1	100	100		2.40	0.000	0.009	0.009	07/02/2019	13:00
3	CAL3	0.025	1	100	100		2.35	0.000	0.017	0.017	07/02/2019	13:01
4	CAL4	0.05	1	100	100		2.45	0.000	0.038	0.038	07/02/2019	13:01
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	07/02/2019	13:02
6	CAL6	0.5	1	100	100		2.47	0.000	0.392	0.392	07/02/2019	13:02
7	CAL7	1	1	100	100		2.49	0.000	0.789	0.789	07/02/2019	13:03



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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		1.89	0.000	0.389	0.389	0.494	07/02/2019	13:03
2	ICB		1	100	100		2.13	0.000	0.000	0.000	0.001	07/02/2019	13:04
3	CCV1	0.5	1	100	100		2.45	0.000	0.402	0.402	0.511	07/02/2019	13:04
4	CCB1		1	100	100		2.16	0.000	0.000	0.000	0.001	07/02/2019	13:05
5	LB103771BL		1	100	100		1.68	0.000	0.000	0.000	0.001	07/02/2019	13:05
6	LB103771BS	0.5	1	100	100		1.74	0.000	0.398	0.398	0.506	07/02/2019	13:06
7	K3638-01		1	100	100		2.31	0.001	0.001	0.000	0.001	07/02/2019	13:06
8	K3638-01DUP		1	100	100		2.15	0.001	0.001	0.000	0.001	07/02/2019	13:07
9	K3638-02	1	2	100	100		2.36	0.001	0.356	0.355	0.451	07/02/2019	13:07
10	K3638-03	1	2	100	100		2.22	0.001	0.357	0.356	0.452	07/02/2019	13:08
11	K3638-04		1	100	100		1.68	0.002	0.002	0.000	0.001	07/02/2019	13:08
12	K3638-05		1	100	100		1.98	0.002	0.002	0.000	0.001	07/02/2019	13:09
13	CCV2	0.5	1	100	100		1.65	0.000	0.401	0.401	0.509	07/02/2019	13:09
14	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.001	07/02/2019	13:10