



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ARIEL

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103802

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP75996
Calibration Std. hexchrome 0.05 ppm	WP75995
Hexavalent Chromium LCS Std	WP75998
Calibratation STD HexaChrome 1 PPM	WP75990
Calibratation STD Hexa Chrome 0.5 PPM	WP75991
calibration std. hexchrome 0.01 ppm	WP75994
calibration std. hexchrome 0 ppm	WP75993
Hexavalent Chromium ICV Std.	WP75997
Hexavalent Chromium CCV Std	WP76013
hexavalent chromium color reagent	WP75833
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP75992

Intercept: -0.0003

Slope: 0.7696

Regression: 0.999981

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	07/03/2019	13:00
2	CAL2	0.01	1	100	100		1.58	0.000	0.008	0.008	07/03/2019	13:00
3	CAL3	0.025	1	100	100		1.65	0.000	0.018	0.018	07/03/2019	13:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	07/03/2019	13:01
5	CAL5	0.1	1	100	100		2.45	0.000	0.078	0.078	07/03/2019	13:02
6	CAL6	0.5	1	100	100		2.33	0.000	0.381	0.381	07/03/2019	13:02
7	CAL7	1	1	100	100		2.15	0.000	0.771	0.771	07/03/2019	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		1.85	0.000	0.392	0.392	0.510	07/03/2019	13:03
2	ICB		1	100	100		1.90	0.000	0.000	0.000	0.000	07/03/2019	13:04
3	CCV1	0.5	1	100	100		1.87	0.000	0.388	0.388	0.505	07/03/2019	13:04
4	CCB1		1	100	100		1.68	0.000	0.000	0.000	0.000	07/03/2019	13:05
5	LB103802BL		1	100	100		2.13	0.000	0.000	0.000	0.000	07/03/2019	13:05
6	LB103802BS	0.5	1	100	100		2.15	0.000	0.402	0.402	0.523	07/03/2019	13:06
7	K3666-01		1	100	100		2.47	0.055	0.055	0.000	0.000	07/03/2019	13:06
8	K3666-02		1	100	100		1.68	0.005	0.005	0.000	0.000	07/03/2019	13:07
9	K3666-03		1	100	100		1.85	0.004	0.004	0.000	0.000	07/03/2019	13:07
10	K3666-04		1	100	100		2.34	0.026	0.026	0.000	0.000	07/03/2019	13:08
11	K3666-04DUP		1	100	100		2.31	0.026	0.026	0.000	0.000	07/03/2019	13:08
12	K3666-04MS	1	2	100	100		2.15	0.034	0.394	0.360	0.468	07/03/2019	13:09
13	K3666-04MSD	1	2	100	100		2.16	0.035	0.395	0.360	0.468	07/03/2019	13:09
14	CCV2	0.5	1	100	100		1.56	0.000	0.405	0.405	0.527	07/03/2019	13:10
15	CCB2		1	100	100		1.55	0.000	0.000	0.000	0.000	07/03/2019	13:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex070319-1

WorkList ID : 128232

Department : Wet-Chemistry

Date : 07-03-2019 13:24:09

LB103402

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/03/2019	Water	K3666-01	Hexavalent Chromium	Cool 4 deg C	URSC05		MWHR3-14-070219	07/02/2019	SM3500-Cr B
07/03/2019	Water	K3666-02	Hexavalent Chromium	Cool 4 deg C	URSC05		MWHR3-8-070219	07/02/2019	SM3500-Cr B
07/03/2019	Water	K3666-03	Hexavalent Chromium	Cool 4 deg C	URSC05		MWHR2-8-070219	07/02/2019	SM3500-Cr B
07/03/2019	Water	K3666-04	Hexavalent Chromium	Cool 4 deg C	URSC05		MWHR2-9-070219	07/02/2019	SM3500-Cr B

Date/Time 7/3/19 12:50
 Received by: AB
 Relinquished by: SR

Date/Time 7/3/19 13:00
 Received by: SR
 Relinquished by: AB