

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103189

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP75199
Calibration Std. hexchrome 0.05 ppm	WP75195
Hexavalent Chromium LCS Std	WP75198
Calibratation STD HexaChrome 1 PPM	WP75190
Calibratation STD Hexa Chrome 0.5 PPM	WP75191
calibration std. hexchrome 0.01 ppm	WP75194
calibration std. hexchrome 0 ppm	WP75193
Hexavalent Chromium ICV Std.	WP75196
Hexavalent Chromium CCV Std	WP75197
hexavalent chromium color reagent	WP75201
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP75192

Intercept: -0.0001

Slope: 0.7791

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		2.10	0.000	0.000	0.000	06/04/2019	14:20
2	CAL2	0.01	1	100	100		2.13	0.000	0.007	0.007	06/04/2019	14:20
3	CAL3	0.025	1	100	100		2.45	0.000	0.018	0.018	06/04/2019	14:21
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	06/04/2019	14:21
5	CAL5	0.1	1	100	100		2.11	0.000	0.080	0.080	06/04/2019	14:22
6	CAL6	0.5	1	100	100		2.15	0.000	0.389	0.389	06/04/2019	14:22
7	CAL7	1	1	100	100		1.99	0.000	0.779	0.779	06/04/2019	14:23



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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	0.001	0.402	0.401	0.515	06/04/2019	14:24
2	ICB		1	100	100		2.13	0.000	0.000	0.000	0.000	06/04/2019	14:24
3	CCV1	0.5	1	100	100		2.01	0.000	0.410	0.410	0.526	06/04/2019	14:25
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	06/04/2019	14:25
5	lb103189BL		1	100	100		1.89	0.000	0.000	0.000	0.000	06/04/2019	14:26
6	lb103189BS	0.5	1	100	100		1.85	0.002	0.375	0.373	0.479	06/04/2019	14:26
7	K3182-07		1	100	100		2.45	0.001	0.001	0.000	0.000	06/04/2019	14:27
8	K3182-07DUP		1	100	100		2.30	0.001	0.001	0.000	0.000	06/04/2019	14:27
9	K3182-07MS	1	2	100	100		1.75	0.000	0.388	0.388	0.498	06/04/2019	14:28
10	K3182-07MSD	1	2	100	100		1.80	0.000	0.389	0.389	0.499	06/04/2019	14:28
11	CCV2	0.5	1	100	100		2.11	0.001	0.403	0.402	0.516	06/04/2019	14:29
12	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	06/04/2019	14:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex060419-1

WorkList ID : 126911

Date : 06-04-2019 08:26:34

213103189

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/05/2019	Water	K3182-07	Hexavalent Chromium	Cool 4 deg C	LIR001	Q21	MW-10	06/04/2019	SM3500-Cr B

Date/Time 06/04/19, 14:00
 Received by: 
 Relinquished by: 

Date/Time 06/04/19, 14:30
 Received by: 
 Relinquished by: 