

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103034

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP75046
Calibration Std. hexchrome 0.05 ppm	WP75045
Hexavalent Chromium LCS Std	WP75049
Calibratation STD HexaChrome 1 PPM	WP75040
Calibratation STD Hexa Chrome 0.5 PPM	WP75041
calibration std. hexchrome 0.01 ppm	WP75044
calibration std. hexchrome 0 ppm	WP75043
Hexavalent Chromium ICV Std.	WP75048
Hexavalent Chromium CCV Std	WP75047
hexavalent chromium color reagent	WP75026
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP75042

Intercept: 0.0009

Slope: 0.7706

Regression: 0.99998

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		2.05	0.000	0.000	0.000	05/28/2019	15:00
2	CAL2	0.01	1	100	100		1.60	0.000	0.008	0.008	05/28/2019	15:00
3	CAL3	0.025	1	100	100		1.59	0.000	0.018	0.018	05/28/2019	15:01
4	CAL4	0.05	1	100	100		1.56	0.000	0.040	0.040	05/28/2019	15:01
5	CAL5	0.1	1	100	100		2.10	0.000	0.080	0.080	05/28/2019	15:02
6	CAL6	0.5	1	100	100		2.13	0.000	0.389	0.389	05/28/2019	15:02
7	CAL7	1	1	100	100		2.15	0.000	0.770	0.770	05/28/2019	15:03



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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		2.05	0.000	0.377	0.377	0.488	05/28/2019	15:03
2	ICB		1	100	100		1.78	0.000	0.000	0.000	-0.001	05/28/2019	15:04
3	CCV1	0.5	1	100	100		1.98	0.000	0.400	0.400	0.518	05/28/2019	15:04
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	-0.001	05/28/2019	15:05
5	LB103034BL		1	100	100		1.99	0.000	0.000	0.000	-0.001	05/28/2019	15:05
6	LB103034BS	0.5	1	100	100		2.04	0.000	0.430	0.430	0.557	05/28/2019	15:06
7	K3070-07		1	100	100		1.80	0.026	0.026	0.000	-0.001	05/28/2019	15:06
8	K3070-07DUP		1	100	100		1.89	0.028	0.028	0.000	-0.001	05/28/2019	15:07
9	K3070-07MS	1	2	100	100		2.04	0.030	0.431	0.401	0.519	05/28/2019	15:07
10	K3070-07MSD	1	2	100	100		2.08	0.029	0.430	0.401	0.519	05/28/2019	15:08
11	CCV2	0.5	1	100	100		1.59	0.000	0.375	0.375	0.485	05/28/2019	15:08
12	CCB2		1	100	100		1.68	0.000	0.000	0.000	-0.001	05/28/2019	15:09

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX052819-3

WorkList ID : 126648

Date : 05-28-2019 14:16:45

23103034

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/29/2019	Water	K3070-07	Hexavalent Chromium	Cool 4 deg C	NEWY17	P51	14B-(1-4)-COMP	05/28/2019	SM3500-Cr B

Date/Time 05/28/19 14:30
 Received by: AS
 Relinquished by: AS

Date/Time 05/28/19 15:30
 Received by: AS
 Relinquished by: AS