

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB103064

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP75056
Calibration Std. hexchrome 0.05 ppm	WP75055
Hexavalent Chromium LCS Std	WP75059
Calibratation STD HexaChrome 1 PPM	WP75050
Calibratation STD Hexa Chrome 0.5 PPM	WP75051
calibration std. hexchrome 0.01 ppm	WP75054
calibration std. hexchrome 0 ppm	WP75053
Hexavalent Chromium ICV Std.	WP75058
Hexavalent Chromium CCV Std	WP75057
hexavalent chromium color reagent	WP75026
HEX LOD STD, 0.005PPM	
0.2N SULFURIC ACID	WP73394

Intercept: 0.0009

Slope: 0.7703

Regression: 0.999985

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		1.70	0.000	0.000	0.000	05/29/2019	15:00
2	CAL2	0.01	1	100	100		2.01	0.000	0.008	0.008	05/29/2019	15:00
3	CAL3	0.025	1	100	100		2.05	0.000	0.018	0.018	05/29/2019	15:01
4	CAL4	0.05	1	100	100		1.99	0.000	0.040	0.040	05/29/2019	15:01
5	CAL5	0.1	1	100	100		2.15	0.000	0.080	0.080	05/29/2019	15:02
6	CAL6	0.5	1	100	100		1.70	0.000	0.388	0.388	05/29/2019	15:02
7	CAL7	1	1	100	100		1.88	0.000	0.770	0.770	05/29/2019	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		1.60	0.000	0.378	0.378	0.490	05/29/2019	15:03
2	ICB		1	100	100		1.70	0.000	0.000	0.000	-0.001	05/29/2019	15:04
3	CCV1	0.5	1	100	100		2.20	0.000	0.399	0.399	0.517	05/29/2019	15:04
4	CCB1		1	100	100		2.15	0.000	0.000	0.000	-0.001	05/29/2019	15:05
5	LB103064BL		1	100	100		2.01	0.000	0.000	0.000	-0.001	05/29/2019	15:05
6	LB103064BS	0.5	1	100	100		1.55	0.007	0.404	0.397	0.514	05/29/2019	15:06
7	K3082-07		1	100	100		2.36	0.028	0.028	0.000	-0.001	05/29/2019	15:06
8	K3082-07DUP		1	100	100		2.22	0.027	0.027	0.000	-0.001	05/29/2019	15:07
9	K3082-07MS	1	2	100	100		2.15	0.083	0.443	0.360	0.466	05/29/2019	15:07
10	K3082-07MSD	1	2	100	100		1.79	0.084	0.443	0.359	0.465	05/29/2019	15:08
11	CCV2	0.5	1	100	100		1.80	0.000	0.398	0.398	0.516	05/29/2019	15:08
12	CCB2		1	100	100		1.76	0.000	0.000	0.000	-0.001	05/29/2019	15:09

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX052919-1

WorkList ID : 126652

Date : 05-29-2019 07:37:45

213103064

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/30/2019	Water	K3082-07	Hexavalent Chromium	Cool 4 deg C	NEWY17	R11	14B-(1-4)-COMP	05/29/2019	SM3500-Cr B

Date/Time 05/29/19 14:20
 Received by: AS
 Relinquished by: AS

Date/Time 05/29/19 15:30
 Received by: AS
 Relinquished by: AS