

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102905

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP74891
Calibration Std. hexchrome 0.05 ppm	WP74890
Hexavalent Chromium LCS Std	WP74894
Calibratation STD HexaChrome 1 PPM	WP74885
Calibratation STD Hexa Chrome 0.5 PPM	WP74886
calibration std. hexchrome 0.01 ppm	WP74889
calibration std. hexchrome 0 ppm	WP74888
Hexavalent Chromium ICV Std.	WP74893
Hexavalent Chromium CCV Std	WP74892
hexavalent chromium color reagent	WP74810
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP74887

Intercept: 0.001

Slope: 0.7709

Regression: 0.999974

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		1.65	0.000	0.000	0.000	05/21/2019	15:02
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	05/21/2019	15:02
3	CAL3	0.025	1	100	100		2.11	0.000	0.018	0.018	05/21/2019	15:03
4	CAL4	0.05	1	100	100		1.65	0.000	0.040	0.040	05/21/2019	15:03
5	CAL5	0.1	1	100	100		1.89	0.000	0.080	0.080	05/21/2019	15:04
6	CAL6	0.5	1	100	100		2.10	0.000	0.390	0.390	05/21/2019	15:04
7	CAL7	1	1	100	100		2.23	0.000	0.770	0.770	05/21/2019	15:05



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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	0.000	0.401	0.401	0.519	05/21/2019	15:05
2	ICB		1	100	100		2.01	0.000	0.000	0.000	-0.001	05/21/2019	15:06
3	CCV1	0.5	1	100	100		1.90	0.000	0.399	0.399	0.516	05/21/2019	15:06
4	CCB1		1	100	100		2.00	0.000	0.000	0.000	-0.001	05/21/2019	15:07
5	LB102905BL		1	100	100		1.78	0.000	0.000	0.000	-0.001	05/21/2019	15:08
6	LB102905BS	0.5	1	100	100		2.03	0.000	0.402	0.402	0.520	05/21/2019	15:08
7	K2980-07		1	100	100		2.15	0.018	0.018	0.000	-0.001	05/21/2019	15:09
8	K2980-07DUP		1	100	100		1.98	0.017	0.017	0.000	-0.001	05/21/2019	15:09
9	K2980-07MS	1	2	100	100		1.87	0.018	0.412	0.394	0.510	05/21/2019	15:10
10	K2980-07MSD	1	2	100	100		2.01	0.018	0.410	0.392	0.507	05/21/2019	15:10
11	CCV2	0.5	1	100	100		2.23	0.000	0.400	0.400	0.518	05/21/2019	15:11
12	CCB2		1	100	100		1.97	0.000	0.000	0.000	-0.001	05/21/2019	15:11

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX052119-4

WorkList ID : 126381

Date : 05-21-2019 14:36:57

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/22/2019	Water	K2980-07	Hexavalent Chromium	Cool 4 deg C	NEWY17	P11	14B-(1-4)-COMP	05/21/2019	SM3500-Cr B

Date/Time

Received by:

Relinquished by:

05/21/19 14:45
AS
CS

Date/Time

Received by:

Relinquished by:

05/21/19 16:40
AS
CS