



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111419

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87389
Calibration Std. hexchrome 0.05 ppm	WP87390
calibration std. hexchrome 0.01 ppm	WP87391
calibration std. hexchrome 0 ppm	WP87393
hexavalent chromium color reagent	WP87250
0.2N SULFURIC ACID	WP84587
Calibration Std Hexachrome 0.025 ppm	WP87392
Hexavalent Chromium ICV-LCS Std	WP87394
Calibration and CCV std HexChrome 0.5PPM	WP87388
Calibration std HexChrome 1.0PPM	WP87387

Intercept: 0.0004

Slope: 0.7819

Regression: 0.999901

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		2.04	0.000	0.000	0.000	10/09/2020	16:45
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	10/09/2020	16:46
3	CAL3	0.025	1	100	100		2.03	0.000	0.018	0.018	10/09/2020	16:47
4	CAL4	0.05	1	100	100		2.07	0.000	0.037	0.037	10/09/2020	16:48
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	10/09/2020	16:49
6	CAL6	0.5	1	100	100		2.08	0.000	0.400	0.400	10/09/2020	16:50
7	CAL7	1	1	100	100		2.02	0.000	0.778	0.778	10/09/2020	16:51

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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		2.07	0.000	0.412	0.412	0.526	10/09/2020	16:52
2	ICB		1	100	100		2.05	0.000	0.000	0.000	-0.001	10/09/2020	16:53
3	CCV1	0.5	1	100	100		2.08	0.000	0.399	0.399	0.510	10/09/2020	16:54
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	-0.001	10/09/2020	16:55
5	LB111419BL		1	100	100		2.06	0.000	0.000	0.000	-0.001	10/09/2020	16:56
6	LB111419BS	0.5	1	100	100		2.04	0.000	0.411	0.411	0.525	10/09/2020	16:57
7	L4350-07		1	100	100		2.07	0.004	0.004	0.000	-0.001	10/09/2020	16:58
8	L4350-07DUP		1	100	100		2.08	0.003	0.004	0.001	0.001	10/09/2020	16:59
9	L4350-07MS	1	2	100	100		2.03	0.000	0.416	0.416	0.532	10/09/2020	17:00
10	L4350-07MSD	1	2	100	100		2.04	0.000	0.415	0.415	0.530	10/09/2020	17:01
11	CCV2	0.5	1	100	100		2.06	0.000	0.402	0.402	0.514	10/09/2020	17:02
12	CCB2		1	100	100		2.02	0.000	0.000	0.000	-0.001	10/09/2020	17:03

WORKLIST(Hardcopy Internal Chain)

LB 111419

WorkList Name : HEX10920-1 WorkList ID : 143161 Department : Wet-Chemistry Date : 10-09-2020 16:08:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/10/2020	Water	L4350-07	Hexavalent Chromium	Cool 4 deg C	NEWY17	O51	14B-(1-4)-COMP	10/09/2020	SM3500-Cr B

Date/Time 10/9/20 16:10
 Received by: KS (Wetchem)
 Relinquished by: JF (Wetchem)

Date/Time 10/9/20 17:10
 Received by: JF (Wetchem)
 Relinquished by: KS (Wetchem)