

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111474

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87511
Calibration Std. hexchrome 0.05 ppm	WP87512
calibration std. hexchrome 0.01 ppm	WP87513
calibration std. hexchrome 0 ppm	WP87515
hexavalent chromium color reagent	WP87425
0.2N SULFURIC ACID	WP84587
Calibration Std Hexachrome 0.025 ppm	WP87514
Hexavalent Chromium ICV-LCS Std	WP87516
Calibration and CCV std HexChrome 0.5PPM	WP87510
Calibration std HexChrome 1.0PPM	WP87509

Intercept: 0.0006

Slope: 0.7816

Regression: 0.999905

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		2.08	0.000	0.000	0.000	10/13/2020	14:35
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	10/13/2020	14:36
3	CAL3	0.025	1	100	100		2.07	0.000	0.018	0.018	10/13/2020	14:37
4	CAL4	0.05	1	100	100		2.06	0.000	0.038	0.038	10/13/2020	14:38
5	CAL5	0.1	1	100	100		2.04	0.000	0.079	0.079	10/13/2020	14:39
6	CAL6	0.5	1	100	100		2.02	0.000	0.400	0.400	10/13/2020	14:40
7	CAL7	1	1	100	100		2.04	0.000	0.778	0.778	10/13/2020	14:41

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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		2.03	0.000	0.412	0.412	0.526	10/13/2020	14:42
2	ICB		1	100	100		2.07	0.000	0.000	0.000	-0.001	10/13/2020	14:43
3	CCV1	0.5	1	100	100		2.08	0.000	0.397	0.397	0.507	10/13/2020	14:44
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	10/13/2020	14:45
5	LB111474BL		1	100	100		2.04	0.000	0.000	0.000	-0.001	10/13/2020	14:46
6	LB111474BS	0.5	1	100	100		2.06	0.000	0.409	0.409	0.523	10/13/2020	14:47
7	L4386-07		1	100	100		2.04	0.004	0.004	0.000	-0.001	10/13/2020	14:48
8	L4386-07DUP		1	100	100		2.07	0.005	0.005	0.000	-0.001	10/13/2020	14:49
9	L4386-07MS	1	2	100	100		2.06	0.004	0.418	0.414	0.529	10/13/2020	14:50
10	L4386-07MSD	1	2	100	100		2.05	0.005	0.420	0.415	0.530	10/13/2020	14:51
11	CCV2	0.5	1	100	100		2.04	0.000	0.399	0.399	0.510	10/13/2020	14:52
12	CCB2		1	100	100		2.09	0.000	0.000	0.000	-0.001	10/13/2020	14:53

WORKLIST(Hardcopy Internal Chain)

LB111479

WorkList Name : HEX101320-2 WorkList ID : 143252 Department : Wet-Chemistry Date : 10-13-2020 14:01:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method	
10/14/2020	Water	L4386-07	C	Hexavalent Chromium	Cool 4 deg C	NEWY17	O61	14B-(1-4)-COMP	10/13/2020	SM3500-Cr B

Date/Time 10/13/20 14:05
 Received by: KS (wet-chem)
 Relinquished by: AM (wet-chem)

Date/Time 10/13/20 14:55
 Received by: AM (wet-chem)
 Relinquished by: KS (wet-chem)