

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112451

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP88670
Calibration Std. hexchrome 0.05 ppm	WP88671
calibration std. hexchrome 0.01 ppm	WP88672
calibration std. hexchrome 0 ppm	WP88674
hexavalent chromium color reagent	WP88676
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP88673
Hexavalent Chromium ICV-LCS Std	WP88675
Calibration and CCV std HexChrome 0.5PPM	WP88669
Calibration std HexChrome 1.0PPM	WP88668

Intercept: 0.0022

Slope: 0.8152

Regression: 0.999797

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		2.24	0.002	0.003	0.001	12/18/2020	13:45
2	CAL2	0.01	1	100	100		2.14	0.013	0.020	0.007	12/18/2020	13:46
3	CAL3	0.025	1	100	100		1.94	0.002	0.028	0.026	12/18/2020	13:47
4	CAL4	0.05	1	100	100		1.87	0.007	0.049	0.042	12/18/2020	13:48
5	CAL5	0.1	1	100	100		2.34	0.007	0.099	0.092	12/18/2020	13:49
6	CAL6	0.5	1	100	100		2.18	0.005	0.404	0.399	12/18/2020	13:50
7	CAL7	1	1	100	100		2.34	0.003	0.825	0.822	12/18/2020	13:51



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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		2.36	0.000	0.394	0.394	0.481	12/18/2020	13:52
2	ICB		1	100	100		1.88	0.000	0.000	0.000	-0.003	12/18/2020	13:53
3	CCV1	0.5	1	100	100		2.35	0.000	0.383	0.383	0.467	12/18/2020	17:45
4	CCB1		1	100	100		1.97	0.000	0.000	0.000	-0.003	12/18/2020	17:46
5	lb112451BL		1	100	100		2.14	0.000	0.000	0.000	-0.003	12/18/2020	17:47
6	lb112451BS	0.5	1	100	100		2.09	0.000	0.410	0.410	0.500	12/18/2020	17:48
7	L5153-07		1	100	100		2.27	0.002	0.002	0.000	-0.003	12/18/2020	17:49
8	L5153-07DUP		1	100	100		1.95	0.003	0.003	0.000	-0.003	12/18/2020	17:50
9	L5153-07MS	1	2	100	100		2.16	0.003	0.420	0.417	0.509	12/18/2020	17:51
10	L5153-07MSD	1	2	100	100		2.27	0.002	0.419	0.417	0.509	12/18/2020	17:52
11	CCV2	0.5	1	100	100		1.87	0.000	0.386	0.386	0.471	12/18/2020	17:53
12	CCB2		1	100	100		1.96	0.000	0.000	0.000	-0.003	12/18/2020	17:54

EB 112451

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex121820 WorkList ID : 145086 Department : Wet-Chemistry Date : 12-18-2020 17:12:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/19/2020	Water	L5153-07	Hexavalent Chromium	Cool 4 deg C	NEWY17	M11	14B-(1-4)-COMP	12/18/2020	SM3500-Cr B

Date/Time 12/18/20 17:15
Received by: KS (wetcher)
Relinquished by: AM (wetcher)

Date/Time 12/18/20 17:55
Received by: AM (wetcher)
Relinquished by: KS (wetcher)