

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114070

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90596
Calibration Std. hexchrome 0.05 ppm	WP90597
calibration std. hexchrome 0.01 ppm	WP90598
calibration std. hexchrome 0 ppm	WP90599
hexavalent chromium color reagent	WP90564
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP90601
Hexavalent Chromium ICV-LCS Std	WP90600
Calibration and CCV std HexChrome 0.5PPM	WP90595
Calibration std HexChrome 1.0PPM	WP90594

Intercept: -0.0011

Slope: 0.7813

Regression: 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.07	0.000	0.000	0.000	0.001		04/20/2021	14:05
2	CAL2	0.01	1	100	100		1.85	0.000	0.006	0.006	0.009	10	04/20/2021	14:05
3	CAL3	0.025	1	100	100		1.79	0.000	0.017	0.017	0.023	8	04/20/2021	14:06
4	CAL4	0.05	1	100	100		1.92	0.000	0.038	0.038	0.050	0	04/20/2021	14:06
5	CAL5	0.1	1	100	100		2.14	0.000	0.078	0.078	0.101	-1	04/20/2021	14:07
6	CAL6	0.5	1	100	100		2.34	0.000	0.390	0.390	0.500	0	04/20/2021	14:08
7	CAL7	1	1	100	100		2.09	0.000	0.780	0.780	0.999	0.1	04/20/2021	14:08

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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.14	0.000	0.384	0.384	0.493	04/20/2021	14:09
2	ICB		1	100	100		2.20	0.000	0.000	0.000	0.001	04/20/2021	14:09
3	CCV1	0.5	1	100	100		2.31	0.000	0.385	0.385	0.494	04/20/2021	14:10
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	0.001	04/20/2021	14:10
5	RL Check	0.01	1	100	100		1.74	0.000	0.007	0.007	0.010	04/20/2021	14:11
6	LB114070BL		1	100	100		1.90	0.000	0.000	0.000	0.001	04/20/2021	14:11
7	LB114070BS	0.5	1	100	100		1.85	0.000	0.382	0.382	0.490	04/20/2021	14:12
8	M2078-01		1	100	100		2.03	0.002	0.002	0.000	0.001	04/20/2021	14:13
9	M2078-01DU		1	100	100		2.14	0.001	0.001	0.000	0.001	04/20/2021	14:14
10	M2078-01MS	1	2	100	100		2.34	0.001	0.355	0.354	0.454	04/20/2021	14:15
11	M2078-01MS	1	2	100	100		1.88	0.002	0.356	0.354	0.454	04/20/2021	14:15
12	CCV2	0.5	1	100	100		1.74	0.000	0.383	0.383	0.492	04/20/2021	14:16
13	CCB2		1	100	100		1.92	0.000	0.000	0.000	0.001	04/20/2021	14:16

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex42021-1 WorkList ID : 148181 Department : Wet-Chemistry Date : 04-20-2021 09:14:08

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/23/2021	Water	M2078-01	Hexavalent Chromium	Ammonium sul	LIR001	P31	TWP-01	04/16/2021	SM3500-Cr B

Date/Time 04/20/21 13:45
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: AM (Wetchem)

Date/Time 04/20/21 14:20
 Raw Sample Received by: AM (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)