



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114389

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90985
Calibration Std. hexchrome 0.05 ppm	WP90986
calibration std. hexchrome 0.01 ppm	WP90987
calibration std. hexchrome 0 ppm	WP90989
hexavalent chromium color reagent	WP90915
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP90988
Hexavalent Chromium ICV-LCS Std	WP90990
Calibration and CCV std HexChrome 0.5PPM	WP90984
Calibration std HexChrome 1.0PPM	WP90983

Intercept: -0.0011

Slope: 0.7822

Regression: 0.999996

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		2.15	0.000	0.000	0.000	0.001		05/11/2021	15:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.006	0.006	0.009	10	05/11/2021	15:11
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	0.023	8	05/11/2021	15:12
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	05/11/2021	15:13
5	CAL5	0.1	1	100	100		2.34	0.000	0.078	0.078	0.101	-1	05/11/2021	15:14
6	CAL6	0.5	1	100	100		2.26	0.000	0.390	0.390	0.5	0	05/11/2021	15:15
7	CAL7	1	1	100	100		2.16	0.000	0.781	0.781	0.999	0.1	05/11/2021	15:16



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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		2.09	0.000	0.387	0.387	0.496	05/11/2021	15:17
2	ICB		1	100	100		1.97	0.000	0.000	0.000	0.001	05/11/2021	15:18
3	CCV1	0.5	1	100	100		1.76	0.000	0.385	0.385	0.494	05/11/2021	15:19
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	05/11/2021	15:20
5	RL Check	0.01	1	100	100		2.06	0.000	0.007	0.007	0.010	05/11/2021	15:21
6	LB114389BL		1	100	100		2.34	0.000	0.000	0.000	0.001	05/11/2021	15:22
7	LB114389BS	0.5	1	100	100		2.26	0.000	0.407	0.407	0.522	05/11/2021	15:23
8	M2359-07		1	100	100		2.18	0.002	0.002	0.000	0.001	05/11/2021	15:24
9	M2359-07DU		1	100	100		2.08	0.003	0.003	0.000	0.001	05/11/2021	15:25
10	M2359-07MS	1	2	100	100		1.85	0.001	0.417	0.416	0.533	05/11/2021	15:26
11	M2359-07MS	1	2	100	100		1.74	0.001	0.415	0.414	0.531	05/11/2021	15:27
12	CCV2	0.5	1	100	100		1.96	0.000	0.386	0.386	0.495	05/11/2021	15:28
13	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.001	05/11/2021	15:28

WORKLIST(Hardcopy Internal Chain)

LB114389

WorkList Name : HEX51121 WorkList ID : 148780 Department : Wet-Chemistry Date : 05-11-2021 14:42:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method	
05/24/2021	Water	M2359-07	C	Hexavalent Chromium	Cool 4 deg C	NEWY17	D22	14B-(1-4)-COMP	05/11/2021	SM3500-Cr B

Date/Time 05/11/21 14:45
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: AM (Wet-chem)

Date/Time 05/11/21 15:30
 Raw Sample Received by: AM (Wet-chem)
 Raw Sample Relinquished by: KS (Wetchem)