



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124076

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101017
Calibration Std. hexchrome 0.05 ppm	WP101016
calibration std. hexchrome 0.01 ppm	WP101014
calibration std. hexchrome 0 ppm	WP101013
hexavalent chromium color reagent	WP100933
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP101015
Hexavalent Chromium ICV-LCS Std	WP101020
Calibration and CCV std HexChrome 0.5PPM	WP101018
Calibration std HexChrome 1.0PPM	WP101019

Intercept: -0.0009

Slope: 0.7811

Regression: 0.999997

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		2.08	0.000	0.000	0.000	0.001		02/14/2023	14:42
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	-20	02/14/2023	14:43
3	CAL3	0.025	1	100	100		2.08	0.000	0.018	0.018	0.024	-4	02/14/2023	14:44
4	CAL4	0.05	1	100	100		2.06	0.000	0.038	0.038	0.049	-2	02/14/2023	14:45
5	CAL5	0.1	1	100	100		1.96	0.000	0.078	0.078	0.101	1	02/14/2023	14:46
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	0	02/14/2023	14:47
7	CAL7	1	1	100	100		2.20	0.000	0.780	0.780	0.999	-0.1	02/14/2023	14:48



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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		2.08	0.000	0.391	0.391	0.502	02/14/2023	14:49
2	ICB		1	100	100		2.10	0.000	0.001	0.001	0.002	02/14/2023	14:50
3	CCV1	0.5	1	100	100		2.18	0.000	0.390	0.390	0.500	02/14/2023	14:51
4	CCB1		1	100	100		1.96	0.000	0.001	0.001	0.002	02/14/2023	14:52
5	RL Check	0.01	1	100	100		1.88	0.000	0.009	0.009	0.013	02/14/2023	14:53
6	lb124076BL		1	100	100		1.98	0.000	0.000	0.000	0.001	02/14/2023	14:54
7	lb124076BS	0.5	1	100	100		2.08	0.000	0.391	0.391	0.502	02/14/2023	14:55
8	O1547-07		1	100	100		1.96	0.007	0.007	0.000	0.001	02/14/2023	14:56
9	O1547-07DU		1	100	100		2.06	0.006	0.006	0.000	0.001	02/14/2023	14:57
10	O1547-07MS	1	2	100	100		2.08	0.004	0.381	0.377	0.484	02/14/2023	14:58
11	O1547-07MS	1	2	100	100		2.10	0.000	0.406	0.406	0.521	02/14/2023	14:59
12	CCV2	0.5	1	100	100		1.88	0.000	0.391	0.391	0.502	02/14/2023	15:00
13	CCB2		1	100	100		1.88	0.000	0.001	0.001	0.002	02/14/2023	15:01

WORKLIST(Hardcopy Internal Chain)

6124076

WorkList Name : hex w 2-14

WorkList ID : 167359

Department : Wet-Chemistry

Date : 02-14-2023 08:24:55

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/27/2023	Water	O1547-07	Hexavalent Chromium	Ammonium sul	NEWY17	G22	14B-(1-4)-COMP	02/14/2023	SM3500-Cr B

Date/Time 02/14/2023 13:50
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: CP Sm

Date/Time 02/14/2023 14:40
Raw Sample Received by: CP Sm
Raw Sample Relinquished by: RM CWC