



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127956

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104899
Calibration Std. hexchrome 0.05 ppm	WP104898
calibration std. hexchrome 0.01 ppm	WP104896
calibration std. hexchrome 0 ppm	WP104895
hexavalent chromium color reagent	WP104813
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104897
Hexavalent Chromium ICV-LCS Std	WP104902
Calibration and CCV std HexChrome 0.5PPM	WP104900
Calibration std HexChrome 1.0PPM	WP104901

Intercept: -0.0002

Slope: 0.7819

Regression: 0.999994

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		1.77	0.000	0.000	0.000	0.000		10/24/2023	16:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	10/24/2023	16:01
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	10/24/2023	16:02
4	CAL4	0.05	1	100	100		1.87	0.000	0.038	0.038	0.048	-4	10/24/2023	16:03
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.101	1	10/24/2023	16:04
6	CAL6	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	-0.2	10/24/2023	16:05
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	1.000	0	10/24/2023	16:06



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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		1.91	0.000	0.391	0.391	0.500	10/24/2023	16:07
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	10/24/2023	16:08
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	10/24/2023	16:09
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	10/24/2023	16:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	10/24/2023	16:11
6	LB127956BL		1	100	100		1.75	0.000	0.000	0.000	0.000	10/24/2023	16:12
7	LB127956BS	0.5	1	100	100		1.91	0.000	0.403	0.403	0.516	10/24/2023	16:13
8	O5033-07		1	100	100		2.04	0.005	0.005	0.000	0.000	10/24/2023	16:14
9	O5033-07DU		1	100	100		2.04	0.005	0.005	0.000	0.000	10/24/2023	16:15
10	O5033-07MS	1	2	100	100		2.06	0.005	0.384	0.379	0.485	10/24/2023	16:16
11	O5033-07MS	1	2	100	100		2.04	0.005	0.394	0.389	0.498	10/24/2023	16:17
12	CCV2	0.5	1	100	100		1.94	0.000	0.391	0.391	0.500	10/24/2023	16:18
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	10/24/2023	16:19

WORKLIST(Hardcopy Internal Chain)

LB127956

WorkList Name : HEX W-10-24

WorkList ID : 174883

Department : Wet-Chemistry

Date : 10-24-2023 12:46:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5033-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	I41	10/24/2023	SM3500-Cr B

Date/Time 10/24/2023 14:00
 Raw Sample Received by: RM awc
 Raw Sample Relinquished by: RM awc

Date/Time 10/24/2023 15:30
 Raw Sample Received by: RM awc
 Raw Sample Relinquished by: RM awc