

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125051

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102056
Calibration Std. hexchrome 0.05 ppm	WP102055
calibration std. hexchrome 0.01 ppm	WP102053
calibration std. hexchrome 0 ppm	WP102052
hexavalent chromium color reagent	WP102038
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102054
Hexavalent Chromium ICV-LCS Std	WP102059
Calibration and CCV std HexChrome 0.5PPM	WP102057
Calibration std HexChrome 1.0PPM	WP102058

Intercept: 0.004

Slope: 0.8049

Regression: 0.999827

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		1.88	0.000	0.000	0.000	-0.00		04/19/2023	16:50
2	CAL2	0.01	1	100	100		1.82	0.000	0.010	0.010	0.007	-30	04/19/2023	16:51
3	CAL3	0.025	1	100	100		1.86	0.000	0.023	0.023	0.023	-8	04/19/2023	16:52
4	CAL4	0.05	1	100	100		1.85	0.000	0.044	0.044	0.049	-2	04/19/2023	16:53
5	CAL5	0.1	1	100	100		1.84	0.000	0.086	0.086	0.101	1	04/19/2023	16:54
6	CAL6	0.5	1	100	100		1.86	0.000	0.418	0.418	0.514	2.8	04/19/2023	16:55
7	CAL7	1	1	100	100		1.88	0.000	0.803	0.803	0.992	-0.8	04/19/2023	16:56



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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		1.88	0.000	0.418	0.418	0.514	04/19/2023	16:57
2	ICB		1	100	100		1.72	0.000	0.000	0.000	-0.005	04/19/2023	16:58
3	CCV1	0.5	1	100	100		2.08	0.000	0.419	0.419	0.516	04/19/2023	16:59
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	-0.005	04/19/2023	17:00
5	RL Check	0.01	1	100	100		2.10	0.000	0.012	0.012	0.010	04/19/2023	17:01
6	lb125051BL		1	100	100		1.80	0.000	0.000	0.000	-0.005	04/19/2023	17:02
7	lb125051BS	0.5	1	100	100		2.06	0.000	0.399	0.399	0.491	04/19/2023	17:03
8	O2415-01		1	100	100		2.06	0.004	0.207	0.203	0.247	04/19/2023	17:04
9	O2415-01DU		1	100	100		2.08	0.004	0.207	0.203	0.247	04/19/2023	17:05
10	O2415-01MS	1	2	100	100		2.04	0.004	0.532	0.528	0.651	04/19/2023	17:06
11	O2415-01MS	1	2	100	100		2.06	0.003	0.536	0.533	0.657	04/19/2023	17:07
12	CCV2	0.5	1	100	100		2.10	0.000	0.418	0.418	0.514	04/19/2023	17:08
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	-0.005	04/19/2023	17:09

WORKLIST(Hardcopy Internal Chain)

LB125051

WorkList Name : hex w 4-19

WorkList ID : 169207

Department : Wet-Chemistry

Date : 04-19-2023 13:37:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/24/2023	Water	O2415-01	Hexavalent Chromium	Ammonium sul	SOUN03	M11	SAMPLE-1	04/19/2023	SM3500-Cr B

Date/Time 04/19/2023 16:10
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: AP (CWT)

Date/Time 04/19/2023 17:15
 Raw Sample Received by: AP (CWT)
 Raw Sample Relinquished by: RM (CWT)