



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125812

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102795
Calibration Std. hexchrome 0.05 ppm	WP102794
calibration std. hexchrome 0.01 ppm	WP102792
calibration std. hexchrome 0 ppm	WP102791
hexavalent chromium color reagent	WP102709
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102793
Hexavalent Chromium ICV-LCS Std	WP102798
Calibration and CCV std HexChrome 0.5PPM	WP102796
Calibration std HexChrome 1.0PPM	WP102797

Intercept: -0.0003

Slope: 0.7816

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		1.80	0.000	0.000	0.000	0.000		06/06/2023	12:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	0	06/06/2023	12:01
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	06/06/2023	12:02
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	-2	06/06/2023	12:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	06/06/2023	12:04
6	CAL6	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	0	06/06/2023	12:05
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	06/06/2023	12:06



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Run Number: LB125812

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	06/06/2023	12:07
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	06/06/2023	12:08
3	CCV1	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	06/06/2023	12:09
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	06/06/2023	12:10
5	RL Check	0.01	1	100	100		1.92	0.000	0.009	0.009	0.012	06/06/2023	12:11
6	LB125812BL		1	100	100		1.80	0.000	0.000	0.000	0.000	06/06/2023	12:12
7	LB125812BS	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	06/06/2023	12:13
8	O3047-09		1	100	100		2.10	0.038	0.038	0.000	0.000	06/06/2023	12:14
9	O3047-12		1	100	100		2.20	0.020	0.020	0.000	0.000	06/06/2023	12:15
10	O3047-12DU		1	100	100		2.18	0.020	0.020	0.000	0.000	06/06/2023	12:16
11	O3047-12MS	1	2	100	100		2.18	0.023	0.367	0.344	0.441	06/06/2023	12:17
12	O3047-12MS	1	2	100	100		2.20	0.022	0.372	0.350	0.448	06/06/2023	12:18
13	CCV2	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	06/06/2023	12:19
14	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	06/06/2023	12:20

WORKLIST(Hardcopy Internal Chain)

6b 125812

WorkList Name : hex w 6

WorkList ID : 170593

Department : Wet-Chemistry

Date : 06-05-2023 11:36:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3047-09	MW-41	Water	Hexavalent Chromium	Ammonium sulfate buffer	loui01	D11	06/05/2023	SM3500-Cr B
O3047-12	TWP-07	Water	Hexavalent Chromium	Ammonium sulfate buffer	loui01	D11	06/05/2023	SM3500-Cr B

Date/Time 06/05/2023 17:45
 Raw Sample Received by: RM (w/et)
 Raw Sample Relinquished by: 78(01)

Date/Time 06/05/2023 18:10
 Raw Sample Received by: 78(01)
 Raw Sample Relinquished by: RM (w/et)