

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130442

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107604
Calibration Std. hexchrome 0.05 ppm	WP107603
calibration std. hexchrome 0.01 ppm	WP107601
calibration std. hexchrome 0 ppm	WP107600
hexavalent chromium color reagent	WP107512
0.2N SULFURIC ACID	WP106542
Calibration Std Hexachrome 0.025 ppm	WP107602
Hexavalent Chromium ICV-LCS Std	WP107607
Calibration and CCV std HexChrome 0.5PPM	WP107605
Calibration std HexChrome 1.0PPM	WP107606

Intercept: -0.0002

Slope: 0.7818

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		1.78	0.000	0.000	0.000	0.000		04/23/2024	09:30
2	CAL2	0.01	1	100	100		1.86	0.000	0.009	0.009	0.011	10	04/23/2024	09:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	04/23/2024	09:32
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.050	0	04/23/2024	09:33
5	CAL5	0.1	1	100	100		1.89	0.000	0.078	0.078	0.100	0	04/23/2024	09:34
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	-0.2	04/23/2024	09:35
7	CAL7	1	1	100	100		1.85	0.000	0.782	0.782	1.000	0	04/23/2024	09:36



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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	0.390	0.390	0.499	04/23/2024	09:37
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	04/23/2024	09:38
3	CCV1	0.5	1	100	100		1.85	0.000	0.391	0.391	0.500	04/23/2024	09:39
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	04/23/2024	09:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	04/23/2024	09:41
6	lb130442BL		1	100	100		1.78	0.000	0.000	0.000	0.000	04/23/2024	09:42
7	lb130442BS	0.5	1	100	100		1.92	0.000	0.399	0.399	0.511	04/23/2024	09:43
8	P2226-01		1	100	100		2.06	0.012	0.012	0.000	0.000	04/23/2024	09:44
9	P2226-01DU		1	100	100		2.10	0.012	0.012	0.000	0.000	04/23/2024	09:45
10	P2226-01MS	1	2	100	100		2.10	0.012	0.364	0.352	0.450	04/23/2024	09:46
11	P2226-01MS	1	2	100	100		2.08	0.012	0.365	0.353	0.452	04/23/2024	09:47
12	CCV2	0.5	1	100	100		1.91	0.000	0.392	0.392	0.502	04/23/2024	09:48
13	CCB2		1	100	100		1.75	0.000	0.000	0.000	0.000	04/23/2024	09:49

WORKLIST(Hardcopy Internal Chain)

LB130442

WorkList Name : HEX-4-22

WorkList ID : 179633

Department : Wet-Chemistry

Date : 04-22-2024 14:45:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2226-01	GROUND-WATER	Water	Hexavalent Chromium	Ammonium sulfate buffer	TULL02	I41	04/22/2024	SM3500-Cr B

Date/Time 04/22/2024 16:00
Raw Sample Received by: RM (RM)
Raw Sample Relinquished by: RM (RM)

Date/Time 04/22/2024 16:45
Raw Sample Received by: RM (RM)
Raw Sample Relinquished by: RM (RM)