

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130224

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107336
Calibration Std. hexchrome 0.05 ppm	WP107335
calibration std. hexchrome 0.01 ppm	WP107333
calibration std. hexchrome 0 ppm	WP107332
hexavalent chromium color reagent	WP107234
0.2N SULFURIC ACID	WP106542
Calibration Std Hexachrome 0.025 ppm	WP107334
Hexavalent Chromium ICV-LCS Std	WP107339
Calibration and CCV std HexChrome 0.5PPM	WP107337
Calibration std HexChrome 1.0PPM	WP107338

Intercept: 0.0004

Slope: 0.7799

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		1.75	0.000	0.000	0.000	-0.00		04/08/2024	18:01
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	04/08/2024	18:02
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	04/08/2024	18:03
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	0.049	-2	04/08/2024	18:04
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.100	0	04/08/2024	18:05
6	CAL6	0.5	1	100	100		1.86	0.000	0.391	0.391	0.500	0	04/08/2024	18:06
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.999	-0.1	04/08/2024	18:07



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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		1.76	0.000	0.391	0.391	0.501	04/08/2024	18:08
2	ICB		1	100	100		1.92	0.000	0.000	0.000	-0.001	04/08/2024	18:09
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	04/08/2024	18:10
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	-0.001	04/08/2024	18:11
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	04/08/2024	18:12
6	lb130224BL		1	100	100		1.77	0.000	0.000	0.000	-0.001	04/08/2024	18:13
7	lb130224BS	0.5	1	100	100		1.91	0.000	0.400	0.400	0.512	04/08/2024	18:14
8	P2025-03		1	100	100		2.08	0.001	0.001	0.000	-0.001	04/08/2024	18:15
9	P2025-03DU		1	100	100		2.04	0.001	0.001	0.000	-0.001	04/08/2024	18:16
10	P2025-03MS	1	2	100	100		2.08	0.001	0.371	0.370	0.474	04/08/2024	18:17
11	P2025-03MS	1	2	100	100		2.06	0.001	0.373	0.372	0.476	04/08/2024	18:18
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.500	04/08/2024	18:19
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	-0.001	04/08/2024	18:20

WORKLIST(Hardcopy Internal Chain)

66130224

WorkList Name : hex 4-08

WorkList ID : 179227

Department : Wet-Chemistry

Date : 04-08-2024 13:27:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2025-03	TOTE-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	P11	04/08/2024	SM3500-Cr B

Date/Time 04/08/2024 14:30
Raw Sample Received by: RM (w.c.)
Raw Sample Relinquished by: RM (w.c.)

Date/Time 04/08/2024 15:15
Raw Sample Received by: RM (w.c.)
Raw Sample Relinquished by: RM (w.c.)