

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130840

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP108034
Calibration Std. hexchrome 0.05 ppm	WP108033
calibration std. hexchrome 0.01 ppm	WP108031
calibration std. hexchrome 0 ppm	WP108030
hexavalent chromium color reagent	WP107966
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP108032
Hexavalent Chromium ICV-LCS Std	WP108037
Calibration and CCV std HexChrome 0.5PPM	WP108035
Calibration std HexChrome 1.0PPM	WP108036

Intercept: 0.0005

Slope: 0.7811

Regression: 0.99999

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		1.76	0.000	0.000	0.000	-0.00		05/21/2024	10:00
2	CAL2	0.01	1	100	100		1.84	0.000	0.007	0.007	0.008	-20	05/21/2024	10:01
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	05/21/2024	10:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.050	0	05/21/2024	10:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.103	3	05/21/2024	10:04
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	05/21/2024	10:05
7	CAL7	1	1	100	100		1.85	0.000	0.781	0.781	0.999	-0.1	05/21/2024	10:06



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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		1.92	0.000	0.394	0.394	0.504	05/21/2024	10:07
2	ICB		1	100	100		1.79	0.000	0.001	0.001	0.001	05/21/2024	10:08
3	CCV1	0.5	1	100	100		1.95	0.000	0.390	0.390	0.499	05/21/2024	10:09
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	05/21/2024	10:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	05/21/2024	10:11
6	LB130840BL		1	100	100		1.76	0.000	0.0001	0.000	-0.001	05/21/2024	10:12
7	LB130840BS	0.5	1	100	100		1.93	0.000	0.402	0.402	0.514	05/21/2024	10:13
8	P2538-04		1	100	100		2.06	0.000	0.001	0.001	0.001	05/21/2024	10:14
9	P2538-04DU		1	100	100		2.08	0.000	0.001	0.001	0.001	05/21/2024	10:15
10	P2538-04MS	1	2	100	100		2.06	0.000	0.392	0.392	0.501	05/21/2024	10:16
11	P2538-04MS	1	2	100	100		2.12	0.000	0.394	0.394	0.504	05/21/2024	10:17
12	CCV2	0.5	1	100	100		1.92	0.000	0.394	0.394	0.504	05/21/2024	10:18
13	CCB2		1	100	100		1.78	0.000	0.001	0.001	0.001	05/21/2024	10:19