

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132587

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109901
Calibration Std. hexchrome 0.05 ppm	WP109900
calibration std. hexchrome 0.01 ppm	WP109898
calibration std. hexchrome 0 ppm	WP109897
hexavalent chromium color reagent	WP109886
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109899
Hexavalent Chromium ICV-LCS Std	WP109904
Calibration and CCV std HexChrome 0.5PPM	WP109902
Calibration std HexChrome 1.0PPM	WP109903

Intercept: -0.0001

Slope: 0.7843

Regression: 0.999985

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	0.000		09/25/2024	09:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.009	-10	09/25/2024	09:01
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	09/25/2024	09:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.051	2	09/25/2024	09:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.103	3	09/25/2024	09:04
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.497	-0.6	09/25/2024	09:05
7	CAL7	1	1	100	100		1.86	0.000	0.785	0.785	1.001	0.1	09/25/2024	09:06



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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		1.90	0.000	0.392	0.392	0.500	09/25/2024	09:07
2	ICB		1	100	100		1.76	0.000	0.001	0.001	0.001	09/25/2024	09:08
3	CCV1	0.5	1	100	100		1.93	0.000	0.391	0.391	0.499	09/25/2024	09:09
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.000	09/25/2024	09:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.010	09/25/2024	09:11
6	lb132587BL		1	100	100		1.75	0.000	0.001	0.001	0.001	09/25/2024	09:12
7	lb132587BS	0.5	1	100	100		1.90	0.000	0.394	0.394	0.502	09/25/2024	09:13
8	P4180-14		1	100	100		2.06	0.000	0.001	0.001	0.001	09/25/2024	09:14
9	P4180-14DU		1	100	100		2.06	0.000	0.001	0.001	0.001	09/25/2024	09:15
10	P4180-14MS	1	2	100	100		2.06	0.000	0.390	0.390	0.497	09/25/2024	09:16
11	P4180-14MS	1	2	100	100		2.10	0.000	0.391	0.391	0.499	09/25/2024	09:17
12	CCV2	0.5	1	100	100		1.91	0.000	0.393	0.393	0.501	09/25/2024	09:18
13	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	09/25/2024	09:19