

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133305

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110555
Calibration Std. hexchrome 0.05 ppm	WP110554
calibration std. hexchrome 0.01 ppm	WP110552
calibration std. hexchrome 0 ppm	WP110551
hexavalent chromium color reagent	WP110515
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP110553
Hexavalent Chromium ICV-LCS Std	WP110557
Calibration and CCV std HexChrome 0.5PPM	WP110558
Calibration std HexChrome 1.0PPM	WP110556

Intercept: -0

Slope: 0.7846

Regression: 0.999991

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		11/05/2024	14:45
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.008	-20	11/05/2024	14:46
3	CAL3	0.025	1	100	100		1.91	0.000	0.019	0.019	0.024	-4	11/05/2024	14:47
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	11/05/2024	14:48
5	CAL5	0.1	1	100	100		1.86	0.000	0.081	0.081	0.103	3	11/05/2024	14:49
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.498	-0.4	11/05/2024	14:50
7	CAL7	1	1	100	100		1.84	0.000	0.785	0.785	1.000	0	11/05/2024	14:51

Analytical Summary Report

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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		1.95	0.000	0.393	0.393	0.501	11/05/2024	14:52
2	ICB		1	100	100		1.82	0.000	0.001	0.001	0.001	11/05/2024	14:53
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.497	11/05/2024	14:54
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	11/05/2024	14:55
5	RL Check	0.01	1	100	100		1.93	0.000	0.008	0.008	0.010	11/05/2024	14:56
6	LB133305BL		1	100	100		1.79	0.0000	0.0001	0.000	0.000	11/05/2024	14:57
7	LB133305BS	0.5	1	100	100		1.93	0.000	0.403	0.403	0.514	11/05/2024	14:58
8	P4718-04		1	100	100		2.10	0.001	0.001	0.000	0.000	11/05/2024	14:59
9	P4718-04DU		1	100	100		2.14	0.001	0.002	0.001	0.001	11/05/2024	15:00
10	P4718-04MS	1	2	100	100		2.10	0.000	0.388	0.388	0.495	11/05/2024	15:01
11	P4718-04MS	1	2	100	100		2.13	0.000	0.390	0.390	0.497	11/05/2024	15:02
12	CCV2	0.5	1	100	100		1.96	0.000	0.394	0.394	0.502	11/05/2024	15:03
13	CCB2		1	100	100		1.75	0.000	0.001	0.001	0.001	11/05/2024	15:04