

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125532

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102531
Calibration Std. hexchrome 0.05 ppm	WP102530
calibration std. hexchrome 0.01 ppm	WP102528
calibration std. hexchrome 0 ppm	WP102527
hexavalent chromium color reagent	WP102535
5N sulfuric acid	WP102263
Calibration Std Hexachrome 0.025 ppm	WP102529
Hexavalent Chromium ICV-LCS Std	WP102534
Calibration and CCV std HexChrome 0.5PPM	WP102532
Calibration std HexChrome 1.0PPM	WP102533

Intercept: 0.0001

Slope: 0.78

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		1.80	0.000	0.000	0.000	-0.00		05/18/2023	10:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.008	-20	05/18/2023	10:11
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	05/18/2023	10:12
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.051	2	05/18/2023	10:13
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	05/18/2023	10:14
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	-0.2	05/18/2023	10:15
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.999	-0.1	05/18/2023	10:16



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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	0.391	0.391	0.501	05/18/2023	10:17
2	ICB		1	100	100		1.76	0.000	0.001	0.001	0.001	05/18/2023	10:18
3	CCV1	0.5	1	100	100		1.88	0.000	0.392	0.392	0.502	05/18/2023	10:19
4	CCB1		1	100	100		1.78	0.000	0.001	0.001	0.001	05/18/2023	10:20
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	05/18/2023	10:21
6	LB125532BL		1	100	100		1.88	0.000	0.001	0.001	0.001	05/18/2023	10:22
7	LB125532BS	0.5	1	100	100		1.80	0.000	0.382	0.382	0.490	05/18/2023	10:23
8	O2830-01		1	100	100		2.08	0.031	0.032	0.001	0.001	05/18/2023	10:24
9	O2830-01DU		1	100	100		2.06	0.030	0.031	0.001	0.001	05/18/2023	10:25
10	O2830-01MS	1	2	100	100		2.06	0.024	0.129	0.105	0.134	05/18/2023	10:26
11	O2830-01MS	1	2	100	100		2.08	0.026	0.132	0.106	0.136	05/18/2023	10:27
12	CCV2	0.5	1	100	100		1.90	0.000	0.393	0.393	0.504	05/18/2023	10:28
13	CCB2		1	100	100		1.76	0.000	0.001	0.001	0.001	05/18/2023	10:29