

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124578

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101575
Calibration Std. hexchrome 0.05 ppm	WP101574
calibration std. hexchrome 0.01 ppm	WP101572
calibration std. hexchrome 0 ppm	WP101571
hexavalent chromium color reagent	WP101579
5N sulfuric acid	WP99758
Calibration Std Hexachrome 0.025 ppm	WP101573
Hexavalent Chromium ICV-LCS Std	WP101578
Calibration and CCV std HexChrome 0.5PPM	WP101576
Calibration std HexChrome 1.0PPM	WP101577

Intercept: -0.0008

Slope: 0.7818

Regression: 0.999995

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		2.08	0.000	0.000	0.000	0.001		03/20/2023	12:55
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	-20	03/20/2023	12:56
3	CAL3	0.025	1	100	100		2.04	0.000	0.018	0.018	0.024	-4	03/20/2023	12:57
4	CAL4	0.05	1	100	100		2.12	0.000	0.038	0.038	0.049	-2	03/20/2023	12:58
5	CAL5	0.1	1	100	100		1.98	0.000	0.079	0.079	0.102	2	03/20/2023	12:59
6	CAL6	0.5	1	100	100		1.96	0.000	0.390	0.390	0.499	-0.2	03/20/2023	13:00
7	CAL7	1	1	100	100		2.00	0.000	0.781	0.781	1	0	03/20/2023	13:01



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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		2.04	0.000	0.390	0.390	0.500	03/20/2023	13:02
2	ICB		1	100	100		1.96	0.000	0.001	0.001	0.002	03/20/2023	13:03
3	CCV1	0.5	1	100	100		2.06	0.000	0.392	0.392	0.502	03/20/2023	13:04
4	CCB1		1	100	100		1.98	0.000	0.001	0.001	0.002	03/20/2023	13:05
5	RL Check	0.01	1	100	100		2.08	0.000	0.009	0.009	0.013	03/20/2023	13:06
6	lb124578BL		1	100	100		2.00	0.000	0.001	0.001	0.002	03/20/2023	13:07
7	lb124578BS	0.5	1	100	100		2.08	0.000	0.412	0.412	0.528	03/20/2023	13:08
8	O1953-01		1	100	100		1.96	0.000	0.478	0.478	0.612	03/20/2023	13:09
9	O2012-03		1	100	100		1.98	0.003	0.003	0.000	0.001	03/20/2023	13:10
10	O2012-05		1	100	100		2.22	0.036	0.036	0.000	0.001	03/20/2023	13:11
11	O2012-05DU		1	100	100		2.20	0.036	0.036	0.000	0.001	03/20/2023	13:12
12	O2012-05MS	1	2	100	100		2.28	0.034	0.398	0.364	0.467	03/20/2023	13:13
13	O2012-05MS	1	2	100	100		2.20	0.036	0.392	0.356	0.456	03/20/2023	13:14
14	CCV2	0.5	1	100	100		2.10	0.000	0.390	0.390	0.500	03/20/2023	13:15
15	CCB2		1	100	100		1.88	0.000	0.001	0.001	0.002	03/20/2023	13:16