

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130719

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107894
Calibration Std. hexchrome 0.05 ppm	WP107893
calibration std. hexchrome 0.01 ppm	WP107891
calibration std. hexchrome 0 ppm	WP107890
hexavalent chromium color reagent	WP107785
5N sulfuric acid	WP107791
HEX LOD STD, 0.005PPM	WP107898
Calibration Std Hexachrome 0.025 ppm	WP107892
Hexavalent Chromium ICV-LCS Std	WP107897
Calibration and CCV std HexChrome 0.5PPM	WP107895
Calibration std HexChrome 1.0PPM	WP107896

Intercept: 0.0003

Slope: 0.7813

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		1.77	0.000	0.000	0.000	-0.00		05/10/2024	14:15
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	-20	05/10/2024	14:16
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	05/10/2024	14:17
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	0.049	-2	05/10/2024	14:18
5	CAL5	0.1	1	100	100		1.84	0.000	0.081	0.081	0.103	3	05/10/2024	14:19
6	CAL6	0.5	1	100	100		1.89	0.000	0.392	0.392	0.501	0.2	05/10/2024	14:20
7	CAL7	1	1	100	100		1.87	0.000	0.781	0.781	0.999	-0.1	05/10/2024	14:21



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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		1.91	0.000	0.394	0.394	0.504	05/10/2024	14:22
2	ICB		1	100	100		1.75	0.000	0.001	0.001	0.001	05/10/2024	14:23
3	CCV1	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	05/10/2024	14:24
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	05/10/2024	14:25
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	05/10/2024	14:26
6	LB130719BL		1	100	100		1.76	0.000	0.001	0.001	0.001	05/10/2024	14:27
7	LB130719BS	0.5	1	100	100		1.93	0.000	0.402	0.402	0.514	05/10/2024	14:28
8	P2403-09		1	100	100		2.02	0.000	0.005	0.005	0.006	05/10/2024	14:29
9	P2440-03		1	100	100		2.04	0.000	0.001	0.001	0.001	05/10/2024	14:30
10	P2440-03DU		1	100	100		2.06	0.000	0.001	0.001	0.001	05/10/2024	14:31
11	P2440-03MS	1	2	100	100		2.06	0.000	0.371	0.371	0.474	05/10/2024	14:32
12	P2440-03MS	1	2	100	100		2.10	0.000	0.373	0.373	0.477	05/10/2024	14:33
13	CCV2	0.5	1	100	100		1.92	0.000	0.393	0.393	0.503	05/10/2024	14:34
14	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	05/10/2024	14:35