

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132026

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109253
Calibration Std. hexchrome 0.05 ppm	WP109252
calibration std. hexchrome 0.01 ppm	WP109250
calibration std. hexchrome 0 ppm	WP109249
hexavalent chromium color reagent	WP109114
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109251
Hexavalent Chromium ICV-LCS Std	WP109256
Calibration and CCV std HexChrome 0.5PPM	WP109254
Calibration std HexChrome 1.0PPM	WP109255

Intercept: -0.0003

Slope: 0.7845

Regression: 0.999989

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	0.000		08/15/2024	10:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	0.008	-20	08/15/2024	10:31
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.024	-4	08/15/2024	10:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.051	2	08/15/2024	10:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.080	0.080	0.102	2	08/15/2024	10:34
6	CAL6	0.5	1	100	100		1.89	0.000	0.390	0.390	0.497	-0.6	08/15/2024	10:35
7	CAL7	1	1	100	100		1.86	0.000	0.785	0.785	1.001	0.1	08/15/2024	10:36



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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		1.94	0.000	0.392	0.392	0.500	08/15/2024	10:37
2	ICB		1	100	100		1.77	0.000	0.001	0.001	0.002	08/15/2024	10:38
3	CCV1	0.5	1	100	100		1.92	0.000	0.394	0.394	0.503	08/15/2024	10:39
4	CCB1		1	100	100		1.79	0.000	0.001	0.001	0.002	08/15/2024	10:40
5	RL Check	0.01	1	100	100		1.89	0.000	0.008	0.008	0.011	08/15/2024	10:41
6	LB132026BL		1	100	100		1.75	0.000	0.000	0.000	0.000	08/15/2024	10:42
7	LB132026BS	0.5	1	100	100		1.92	0.000	0.390	0.390	0.498	08/15/2024	10:43
8	P3619-01		1	100	100		2.06	0.000	0.000	0.000	0.000	08/15/2024	10:44
9	P3619-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	08/15/2024	10:45
10	P3619-01MS	1	2	100	100		2.04	0.000	0.378	0.378	0.482	08/15/2024	10:46
11	P3619-01MS	1	2	100	100		2.08	0.000	0.375	0.375	0.478	08/15/2024	10:47
12	CCV2	0.5	1	100	100		1.96	0.000	0.391	0.391	0.499	08/15/2024	10:48
13	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.002	08/15/2024	10:49