

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132016

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109234
Calibration Std. hexchrome 0.05 ppm	WP109233
calibration std. hexchrome 0.01 ppm	WP109231
calibration std. hexchrome 0 ppm	WP109230
hexavalent chromium color reagent	WP109114
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109232
Hexavalent Chromium ICV-LCS Std	
Calibration and CCV std HexChrome 0.5PPM	WP109235
Calibration std HexChrome 1.0PPM	WP109236

Intercept: -0.0002

Slope: 0.7858

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		1.78	0.000	0.000	0.000	0.000		08/14/2024	16:50
2	CAL2	0.01	1	100	100		1.85	0.000	0.007	0.007	0.009	-10	08/14/2024	16:51
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	08/14/2024	16:52
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	0.051	2	08/14/2024	16:53
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	0.100	0	08/14/2024	16:54
6	CAL6	0.5	1	100	100		1.88	0.000	0.394	0.394	0.501	0.2	08/14/2024	16:55
7	CAL7	1	1	100	100		1.84	0.000	0.785	0.785	0.999	-0.1	08/14/2024	16:56



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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		1.92	0.000	0.390	0.390	0.497	08/14/2024	16:57
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	08/14/2024	16:58
3	CCV1	0.5	1	100	100		1.94	0.000	0.393	0.393	0.500	08/14/2024	16:59
4	CCB1		1	100	100		1.76	0.000	0.001	0.001	0.002	08/14/2024	17:00
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	08/14/2024	17:01
6	LB132016BL		1	100	100		1.77	0.000	0.000	0.000	0.000	08/14/2024	17:02
7	LB132016BS	0.5	1	100	100		1.92	0.000	0.400	0.400	0.509	08/14/2024	17:03
8	P3609-01		1	100	100		2.06	0.000	0.000	0.000	0.000	08/14/2024	17:04
9	P3609-01DU		1	100	100		2.04	0.000	0.000	0.000	0.000	08/14/2024	17:05
10	P3609-01MS	1	2	100	100		2.08	0.000	0.392	0.392	0.499	08/14/2024	17:06
11	P3609-01MS	1	2	100	100		2.06	0.000	0.390	0.390	0.497	08/14/2024	17:07
12	P3609-02		1	100	100		2.04	0.000	0.000	0.000	0.000	08/14/2024	17:08
13	CCV2	0.5	1	100	100		1.94	0.000	0.393	0.393	0.500	08/14/2024	17:09
14	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	08/14/2024	17:10