

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132258

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109520
Calibration Std. hexchrome 0.05 ppm	WP109519
calibration std. hexchrome 0.01 ppm	WP109517
calibration std. hexchrome 0 ppm	WP109516
hexavalent chromium color reagent	WP109497
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109518
Hexavalent Chromium ICV-LCS Std	WP109523
Calibration and CCV std HexChrome 0.5PPM	WP109521
Calibration std HexChrome 1.0PPM	WP109522

Intercept: 0.0006

Slope: 0.781

Regression: 0.99998

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		1.75	0.000	0.000	0.000	-0.00		09/03/2024	17:45
2	CAL2	0.01	1	100	100		1.85	0.000	0.008	0.008	0.009	-10	09/03/2024	17:46
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	09/03/2024	17:47
4	CAL4	0.05	1	100	100		1.89	0.000	0.038	0.038	0.047	-6	09/03/2024	17:48
5	CAL5	0.1	1	100	100		1.85	0.000	0.081	0.081	0.102	2	09/03/2024	17:49
6	CAL6	0.5	1	100	100		1.87	0.000	0.394	0.394	0.503	0.6	09/03/2024	17:50
7	CAL7	1	1	100	100		1.85	0.000	0.780	0.780	0.997	-0.3	09/03/2024	17:51



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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		1.92	0.000	0.390	0.390	0.499	09/03/2024	17:52
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.001	09/03/2024	17:53
3	CCV1	0.5	1	100	100		1.95	0.000	0.393	0.393	0.502	09/03/2024	17:54
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	09/03/2024	17:55
5	RL Check	0.01	1	100	100		1.89	0.000	0.009	0.009	0.011	09/03/2024	17:56
6	LB132258BL		1	100	100		1.79	0.000	0.001	0.001	0.001	09/03/2024	17:57
7	LB132258BS	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	09/03/2024	17:58
8	P3821-01		1	100	100		2.10	0.000	0.000	0.000	-0.001	09/03/2024	17:59
9	P3821-01DU		1	100	100		2.06	0.000	0.000	0.000	-0.001	09/03/2024	18:00
10	P3821-01MS	1	2	100	100		2.06	0.000	0.390	0.390	0.499	09/03/2024	18:01
11	P3821-01MS	1	2	100	100		2.10	0.000	0.388	0.388	0.496	09/03/2024	18:02
12	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	09/03/2024	18:03
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	-0.001	09/03/2024	18:04

WORKLIST(Hardcopy Internal Chain)

6132258

WorkList Name : hex-w9-24 WorkList ID : 183130 Department : Wet-Chemistry Date : 09-03-2024 13:27:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3821-01	MANHOLE-5A-WATER	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	H51	09/03/2024	7196A

Date/Time 09/03/2024 14:15
Raw Sample Received by: RM GWS
Raw Sample Relinquished by: JG Coen

Date/Time 09/03/2024 14:45
Raw Sample Received by: M eze
Raw Sample Relinquished by: RM GWS