

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138224

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP116127
Calibration Std. hexchrome 0.05 ppm	WP116126
calibration std. hexchrome 0.01 ppm	WP116131
calibration std. hexchrome 0 ppm	WP116124
hexavalent chromium color reagent	WP116123
5N sulfuric acid	WP115340
Calibration Std Hexachrome 0.025 ppm	WP116125
Hexavalent Chromium ICV-LCS Std	WP116130
Calibration and CCV std HexChrome 0.5PPM	WP116128
Calibration std HexChrome 1.0PPM	WP116129

Intercept: 0.001

Slope: 0.7805

Regression: 0.999984

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		2.10	0.000	0.000	0.000	-0.00		12/15/2025	17:05
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	0.008	-20	12/15/2025	17:05
3	CAL3	0.025	1	100	100		2.18	0.000	0.020	0.020	0.024	-4	12/15/2025	17:06
4	CAL4	0.05	1	100	100		2.14	0.000	0.039	0.039	0.048	-4	12/15/2025	17:06
5	CAL5	0.1	1	100	100		2.13	0.000	0.081	0.081	0.102	2	12/15/2025	17:07
6	CAL6	0.5	1	100	100		2.18	0.000	0.394	0.394	0.503	0.6	12/15/2025	17:07
7	CAL7	1	1	100	100		2.10	0.000	0.780	0.780	0.998	-0.2	12/15/2025	17:08

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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		2.06	0.000	0.392	0.392	0.501	12/15/2025	17:08
2	ICB		1	100	100		2.09	0.000	0.001	0.001	0.000	12/15/2025	17:09
3	CCV1	0.5	1	100	100		2.18	0.000	0.390	0.390	0.498	12/15/2025	17:09
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	-0.001	12/15/2025	17:10
5	RL Check	0.01	1	100	100		2.07	0.000	0.008	0.008	0.009	12/15/2025	17:10
6	LB138224BL		1	100	100		2.06	0.000	0.000	0.000	-0.001	12/15/2025	17:11
7	LB138224BS	0.5	1	100	100		2.10	0.000	0.401	0.401	0.512	12/15/2025	17:11
8	Q3880-02		1	100	100		2.06	0.000	0.000	0.000	-0.001	12/15/2025	17:12
9	CCV2	0.5	1	100	100		2.06	0.000	0.394	0.394	0.504	12/15/2025	17:12
10	CCB2		1	100	100		2.12	0.000	0.001	0.001	0.000	12/15/2025	17:13

WORKLIST(Hardcopy Internal Chain)

66138224

WorkList Name : HEX-3880

WorkList ID : 193666

Department : Wet-Chemistry

Date : 12-15-2025 14:10:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3880-02	FB	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG04	D31	12/15/2026	7196A

Date/Time 12/15/2025 15:25
 Raw Sample Received by: RM cwr
 Raw Sample Relinquished by: JG (cwr)

Date/Time 12/15/2025 16:50
 Raw Sample Received by: JG cwr
 Raw Sample Relinquished by: RM cwr