

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135867

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113178
Calibration Std. hexchrome 0.05 ppm	WP113177
calibration std. hexchrome 0.01 ppm	WP113175
calibration std. hexchrome 0 ppm	WP113174
hexavalent chromium color reagent	WP113182
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP113176
Hexavalent Chromium ICV-LCS Std	WP113181
Calibration and CCV std HexChrome 0.5PPM	WP113179
Calibration std HexChrome 1.0PPM	WP113180

Intercept: 0.0006

Slope: 0.781

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		1.94	0.000	0.000	0.000	-0.00		05/21/2025	14:00
2	CAL2	0.01	1	100	100		2.00	0.000	0.008	0.008	0.009	-10	05/21/2025	14:00
3	CAL3	0.025	1	100	100		1.98	0.000	0.021	0.021	0.026	4	05/21/2025	14:01
4	CAL4	0.05	1	100	100		1.95	0.000	0.039	0.039	0.049	-2	05/21/2025	14:01
5	CAL5	0.1	1	100	100		2.01	0.000	0.080	0.080	0.101	1	05/21/2025	14:02
6	CAL6	0.5	1	100	100		1.94	0.000	0.390	0.390	0.498	-0.4	05/21/2025	14:02
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	1.000	0	05/21/2025	14:03

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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		2.01	0.000	0.393	0.393	0.502	05/21/2025	14:03
2	ICB		1	100	100		1.86	0.000	0.001	0.001	0.001	05/21/2025	14:04
3	CCV1	0.5	1	100	100		1.98	0.000	0.391	0.391	0.500	05/21/2025	14:04
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	-0.001	05/21/2025	14:05
5	RL Check	0.01	1	100	100		1.97	0.000	0.009	0.009	0.011	05/21/2025	14:05
6	LB135867BL		1	100	100		1.83	0.000	0.000	0.000	-0.001	05/21/2025	14:06
7	LB135867BS	0.5	1	100	100		1.99	0.000	0.391	0.391	0.500	05/21/2025	14:06
8	Q2102-03		1	100	100		2.11	0.000	0.000	0.000	-0.001	05/21/2025	14:07
9	Q2102-03DU		1	100	100		2.12	0.000	0.000	0.000	-0.001	05/21/2025	14:07
10	Q2102-03MS	1	2	100	100		2.12	0.000	0.373	0.373	0.477	05/21/2025	14:08
11	Q2102-03MS	1	2	100	100		2.14	0.000	0.375	0.375	0.479	05/21/2025	14:08
12	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	05/21/2025	14:09
13	CCB2		1	100	100		1.86	0.000	0.001	0.001	0.001	05/21/2025	14:09

WORKLIST(Hardcopy Internal Chain)

66135867

WorkList Name : HEX W-5-21

WorkList ID : 189687

Department : Wet-Chemistry

Date : 05-21-2025 12:37:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2102-03	LAW-25-0078	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L21	05/21/2025	7196A

Date/Time 05/21/2025 12:55
 Raw Sample Received by: RM
 Raw Sample Relinquished by: ASCOG

Date/Time 05/21/2025 13:45
 Raw Sample Received by: PLC
 Raw Sample Relinquished by: RH LWC