

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138223

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: 0.0004

Slope: 0.7816

Regression: 0.999988

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		2.04	0.000	0.000	0.000	-0.00		12/15/2025	12:35
2	CAL2	0.01	1	100	100		2.10	0.000	0.007	0.007	0.008	-20	12/15/2025	12:35
3	CAL3	0.025	1	100	100		2.09	0.000	0.019	0.019	0.023	-8	12/15/2025	12:36
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	0.049	-2	12/15/2025	12:36
5	CAL5	0.1	1	100	100		2.06	0.000	0.081	0.081	0.103	3	12/15/2025	12:37
6	CAL6	0.5	1	100	100		2.09	0.000	0.393	0.393	0.502	0.4	12/15/2025	12:37
7	CAL7	1	1	100	100		2.13	0.000	0.781	0.781	0.998	-0.2	12/15/2025	12:38

Analytical Summary Report

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ANALYST:rubina

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Run Number: LB138223

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		2.03	0.000	0.393	0.393	0.502	12/15/2025	12:38
2	ICB		1	100	100		2.10	0.000	0.001	0.001	0.001	12/15/2025	12:39
3	CCV1	0.5	1	100	100		2.16	0.000	0.390	0.390	0.498	12/15/2025	12:39
4	CCB1		1	100	100		2.13	0.000	0.000	0.000	-0.001	12/15/2025	12:40
5	RL Check	0.01	1	100	100		2.13	0.000	0.008	0.008	0.010	12/15/2025	12:40
6	LB138223BL		1	100	100		2.06	0.000	0.000	0.000	-0.001	12/15/2025	12:41
7	LB138223BS	0.5	1	100	100		2.19	0.000	0.399	0.399	0.510	12/15/2025	12:41
8	Q3866-01		1	100	100		2.19	0.000	0.000	0.000	-0.001	12/15/2025	12:42
9	Q3866-03		1	100	100		2.15	0.000	0.000	0.000	-0.001	12/15/2025	12:42
10	Q3866-05		1	100	100		2.23	0.000	0.000	0.000	-0.001	12/15/2025	12:43
11	Q3866-05DU		1	100	100		2.27	0.000	0.000	0.000	-0.001	12/15/2025	12:43
12	Q3866-05MS	1	2	100	100		2.24	0.000	0.376	0.376	0.481	12/15/2025	12:44
13	Q3866-05MS	1	2	100	100		2.20	0.000	0.370	0.370	0.473	12/15/2025	12:44
14	Q3877-05		1	100	100		2.18	0.000	0.000	0.000	-0.001	12/15/2025	12:45
15	CCV2	0.5	1	100	100		2.05	0.000	0.392	0.392	0.501	12/15/2025	12:45
16	CCB2		1	100	100		2.02	0.000	0.000	0.000	-0.001	12/15/2025	12:46

WORKLIST(Hardcopy Internal Chain)

6138223

WorkList Name : HEX-Q3877

WorkList ID : 193664

Department : Wet-Chemistry

Date : 12-15-2025 09:35:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3877-05	COMPOSITE	Water	Hexavalent Chromium	Ammonium sulfate buffer	DALT01	D31	12/11/2025	7196A

Date/Time 12/15/2025 10:15
Raw Sample Received by: RMCWJ
Raw Sample Relinquished by: JPCWJ

Date/Time 12/15/2025 11:20
Raw Sample Received by: JPCWJ
Raw Sample Relinquished by: JPCWJ

WORKLIST(Hardcopy Internal Chain)

6138223

WorkList Name : hex-q3866

WorkList ID : 193652

Department : Wet-Chemistry

Date : 12-12-2025 17:15:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3866-01	EB01-M2-20251212	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	G21	12/12/2025	7196A
Q3866-03	FB01-M2-20251212	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	G21	12/12/2025	7196A
Q3866-05	TTMW304D-20251211	Water	Hexavalent Chromium	Ammonium sulfate buffer	AECO15	G21	12/11/2025	7196A

Date/Time 12/15/2025 08:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 12/15/2025 11:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]