

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137908

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115684
Calibration Std. hexchrome 0.05 ppm	WP115683
calibration std. hexchrome 0.01 ppm	WP115681
calibration std. hexchrome 0 ppm	WP115680
hexavalent chromium color reagent	WP115688
5N sulfuric acid	WP115340
Calibration Std Hexachrome 0.025 ppm	WP115682
Hexavalent Chromium ICV-LCS Std	WP115687
Calibration and CCV std HexChrome 0.5PPM	WP115685
Calibration std HexChrome 1.0PPM	WP115686

Intercept: 0.0004

Slope: 0.7804

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		2.02	0.000	0.000	0.000	-0.00		11/14/2025	10:50
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	0.009	-10	11/14/2025	10:50
3	CAL3	0.025	1	100	100		2.00	0.000	0.019	0.019	0.023	-8	11/14/2025	10:51
4	CAL4	0.05	1	100	100		1.97	0.000	0.038	0.038	0.048	-4	11/14/2025	10:51
5	CAL5	0.1	1	100	100		2.06	0.000	0.081	0.081	0.103	3	11/14/2025	10:52
6	CAL6	0.5	1	100	100		2.02	0.000	0.392	0.392	0.501	0.2	11/14/2025	10:52
7	CAL7	1	1	100	100		1.99	0.000	0.780	0.780	0.998	-0.2	11/14/2025	10:53

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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		1.90	0.000	0.390	0.390	0.499	11/14/2025	10:53
2	ICB		1	100	100		1.99	0.000	0.001	0.001	0.001	11/14/2025	10:54
3	CCV1	0.5	1	100	100		2.07	0.000	0.393	0.393	0.503	11/14/2025	10:54
4	CCB1		1	100	100		2.00	0.000	0.000	0.000	-0.001	11/14/2025	10:55
5	RL Check	0.01	1	100	100		2.06	0.000	0.009	0.009	0.011	11/14/2025	10:55
6	LB137908BL		1	100	100		2.00	0.000	0.001	0.001	0.001	11/14/2025	10:56
7	LB137908BS	0.5	1	100	100		1.94	0.000	0.404	0.404	0.517	11/14/2025	10:56
8	Q3630-06		1	100	100		1.90	0.000	0.000	0.000	-0.001	11/14/2025	10:57
9	Q3630-06DU		1	100	100		1.94	0.000	0.000	0.000	-0.001	11/14/2025	10:57
10	Q3630-06MS	1	2	100	100		1.96	0.000	0.371	0.371	0.475	11/14/2025	10:58
11	Q3630-06MS	1	2	100	100		1.90	0.000	0.372	0.372	0.476	11/14/2025	10:58
12	CCV2	0.5	1	100	100		1.90	0.000	0.395	0.395	0.506	11/14/2025	10:59
13	CCB2		1	100	100		1.97	0.000	0.001	0.001	0.001	11/14/2025	10:59

WORKLIST(Hardcopy Internal Chain)

6137908

WorkList Name : HEX-3630

WorkList ID : 193131

Department : Wet-Chemistry

Date : 11-14-2025 09:11:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3630-06	DSN003	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG04	D41	11/13/2025	7196A

Date/Time 11/14/2025 09:20
 Raw Sample Received by: RMW
 Raw Sample Relinquished by: RMW

Date/Time 11/14/2025 11:00
 Raw Sample Received by: RMW
 Raw Sample Relinquished by: RMW