

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135113

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112379
Calibration Std. hexchrome 0.05 ppm	WP112378
calibration std. hexchrome 0.01 ppm	WP112376
calibration std. hexchrome 0 ppm	WP112375
hexavalent chromium color reagent	WP112371
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112377
Hexavalent Chromium ICV-LCS Std	WP112382
Calibration and CCV std HexChrome 0.5PPM	WP112380
Calibration std HexChrome 1.0PPM	WP112381

Intercept: 0.0003

Slope: 0.7798

Regression: 0.999985

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		1.77	0.000	0.000	0.000	-0.00		03/20/2025	15:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	-20	03/20/2025	15:01
3	CAL3	0.025	1	100	100		1.94	0.000	0.019	0.019	0.023	-8	03/20/2025	15:02
4	CAL4	0.05	1	100	100		2.01	0.000	0.038	0.038	0.048	-4	03/20/2025	15:03
5	CAL5	0.1	1	100	100		1.90	0.000	0.081	0.081	0.103	3	03/20/2025	15:04
6	CAL6	0.5	1	100	100		1.95	0.000	0.392	0.392	0.502	0.4	03/20/2025	15:05
7	CAL7	1	1	100	100		1.89	0.000	0.779	0.779	0.998	-0.2	03/20/2025	15:06

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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		1.88	0.000	0.388	0.388	0.497	03/20/2025	15:07
2	ICB		1	100	100		1.92	0.000	0.001	0.001	0.001	03/20/2025	15:08
3	CCV1	0.5	1	100	100		2.06	0.000	0.391	0.391	0.501	03/20/2025	15:09
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	03/20/2025	15:10
5	RL Check	0.01	1	100	100		1.87	0.000	0.008	0.008	0.010	03/20/2025	15:11
6	LB135113BL		1	100	100		1.84	0.000	0.001	0.001	0.001	03/20/2025	15:12
7	LB135113BS	0.5	1	100	100		1.88	0.000	0.389	0.389	0.498	03/20/2025	15:13
8	Q1505-01		1	100	100		2.27	0.000	0.420	0.420	0.538	03/20/2025	15:14
9	Q1618-01		1	100	100		2.35	0.000	0.000	0.000	0.000	03/20/2025	15:15
10	Q1618-01DU		1	100	100		2.24	0.000	0.000	0.000	0.000	03/20/2025	15:16
11	Q1618-01MS	1	2	100	100		2.29	0.000	0.379	0.379	0.486	03/20/2025	15:17
12	Q1618-01MS	1	2	100	100		2.25	0.000	0.382	0.382	0.489	03/20/2025	15:18
13	Q1618-02		1	100	100		2.10	0.011	2.095	2.084	2.672	03/20/2025	15:19
14	Q1618-02		50	100	100		2.10	0.002	0.472	0.470	0.602	03/20/2025	15:20
15	CCV2	0.5	1	100	100		1.88	0.000	0.389	0.389	0.498	03/20/2025	15:21
16	CCB2		1	100	100		1.92	0.000	0.000	0.000	0.000	03/20/2025	15:22

WORKLIST(Hardcopy Internal Chain)

6135113

WorkList Name : HEX-WATER

WorkList ID : 188415

Department : Wet-Chemistry

Date : 03-20-2025 13:31:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1505-01	PT-CR6-WP	Water	Hexavalent Chromium	Ammonium sulfate buffer	ALLI03	QA Of	03/03/2025	7196A
Q1618-01 G7	TP20250320-01	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I31	03/20/2025	7196A
Q1618-02 C	TP20250320-02	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I31	03/20/2025	7196A

Date/Time 03/20/2025 14:05
 Raw Sample Received by: RM cwc
 Raw Sample Relinquished by: pccoc

Date/Time 03/20/2025 17:00
 Raw Sample Received by: pccoc
 Raw Sample Relinquished by: RM cwc