

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136113

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113472
Calibration Std. hexchrome 0.05 ppm	WP113471
calibration std. hexchrome 0.01 ppm	WP113469
calibration std. hexchrome 0 ppm	WP113468
hexavalent chromium color reagent	WP113405
5N sulfuric acid	WP112831
HEX LOD STD, 0.005PPM	WP113476
Calibration Std Hexachrome 0.025 ppm	WP113470
Hexavalent Chromium ICV-LCS Std	WP113475
Calibration and CCV std HexChrome 0.5PPM	WP113473
Calibration std HexChrome 1.0PPM	WP113474

Intercept: 0.0005

Slope: 0.7823

Regression: 0.999993

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		1.85	0.000	0.000	0.000	-0.00		06/11/2025	11:00
2	CAL2	0.01	1	100	100		1.92	0.000	0.008	0.008	0.009	-10	06/11/2025	11:00
3	CAL3	0.025	1	100	100		1.97	0.000	0.019	0.019	0.023	-8	06/11/2025	11:01
4	CAL4	0.05	1	100	100		1.94	0.000	0.040	0.040	0.050	0	06/11/2025	11:01
5	CAL5	0.1	1	100	100		1.97	0.000	0.081	0.081	0.102	2	06/11/2025	11:02
6	CAL6	0.5	1	100	100		1.91	0.000	0.391	0.391	0.499	-0.2	06/11/2025	11:02
7	CAL7	1	1	100	100		1.95	0.000	0.783	0.783	1.000	0	06/11/2025	11:03

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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		1.93	0.000	0.394	0.394	0.503	06/11/2025	11:03
2	ICB		1	100	100		1.83	0.000	0.001	0.001	0.001	06/11/2025	11:04
3	CCV1	0.5	1	100	100		1.89	0.000	0.390	0.390	0.498	06/11/2025	11:04
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	-0.001	06/11/2025	11:05
5	RL Check	0.01	1	100	100		1.87	0.000	0.008	0.008	0.010	06/11/2025	11:05
6	lb136113BL		1	100	100		1.80	0.000	0.000	0.000	-0.001	06/11/2025	11:06
7	lb136113BS	0.5	1	100	100		1.94	0.000	0.393	0.393	0.502	06/11/2025	11:06
8	Q2126-09		1	100	100		1.99	0.000	0.004	0.004	0.004	06/11/2025	11:07
9	Q2286-03		1	100	100		2.01	0.000	0.000	0.000	-0.001	06/11/2025	11:07
10	Q2286-03DU		1	100	100		2.04	0.000	0.000	0.000	-0.001	06/11/2025	11:08
11	Q2286-03MS	1	2	100	100		2.04	0.000	0.365	0.365	0.466	06/11/2025	11:08
12	Q2286-03MS	1	2	100	100		2.06	0.000	0.366	0.366	0.467	06/11/2025	11:09
13	CCV2	0.5	1	100	100		1.90	0.000	0.392	0.392	0.500	06/11/2025	11:09
14	CCB2		1	100	100		1.91	0.000	0.001	0.001	0.001	06/11/2025	11:10

WORKLIST(Hardcopy Internal Chain)

66136113

WorkList Name : hex 2286

WorkList ID : 190117

Department : Wet-Chemistry

Date : 06-11-2025 08:20:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2126-09	MDL-WATER-03-QT2-2025	Water	Hexavalent Chromium	Ammonium sulfate buffer	ALLI03	QA Of	05/23/2025	7196A
Q2286-03	LAW-25-0084	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D41	06/10/2025	7196A

Date/Time 06/11/2025 08:25
 Raw Sample Received by: RM cwcj
 Raw Sample Relinquished by: RM cwcj

Date/Time 06/11/2025 11:20
 Raw Sample Received by: RM cwcj
 Raw Sample Relinquished by: RM cwcj