

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Eman

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136984

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP114455
Calibration Std. hexchrome 0.05 ppm	WP114454
calibration std. hexchrome 0.01 ppm	WP114452
calibration std. hexchrome 0 ppm	WP114451
hexavalent chromium color reagent	WP114364
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP114453
Hexavalent Chromium ICV-LCS Std	WP114458
Calibration and CCV std HexChrome 0.5PPM	WP114456
Calibration std HexChrome 1.0PPM	WP114457

Intercept: 0.0006

Slope: 0.7801

Regression: 0.999994

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		1.71	0.000	0.000	0.000	-0.00		08/27/2025	18:00
2	CAL2	0.01	1	100	100		1.85	0.000	0.008	0.008	0.009	-10	08/27/2025	18:00
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	08/27/2025	18:01
4	CAL4	0.05	1	100	100		1.92	0.000	0.040	0.040	0.050	0	08/27/2025	18:01
5	CAL5	0.1	1	100	100		1.89	0.000	0.080	0.080	0.101	1	08/27/2025	18:02
6	CAL6	0.5	1	100	100		1.87	0.000	0.392	0.392	0.501	0.2	08/27/2025	18:02
7	CAL7	1	1	100	100		1.90	0.000	0.780	0.780	0.999	-0.1	08/27/2025	18:03

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Eman

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136984

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	0.391	0.391	0.500	08/27/2025	18:03
2	ICB		1	100	100		1.99	0.000	0.000	0.000	-0.001	08/27/2025	18:04
3	CCV1	0.5	1	100	100		2.11	0.000	0.394	0.394	0.504	08/27/2025	18:04
4	CCB1		1	100	100		1.91	0.000	0.001	0.001	0.001	08/27/2025	18:05
5	RL Check	0.01	1	100	100		2.04	0.000	0.009	0.009	0.011	08/27/2025	18:05
6	lb136984BL		1	100	100		2.07	0.000	0.001	0.001	0.001	08/27/2025	18:06
7	lb136984BS	0.5	1	100	100		2.12	0.000	0.404	0.404	0.517	08/27/2025	18:06
8	Q2967-01		1	100	100		2.27	0.000	0.000	0.000	-0.001	08/27/2025	18:07
9	Q2967-01DU		1	100	100		2.19	0.000	0.000	0.000	-0.001	08/27/2025	18:07
10	Q2967-01MS	1	2	100	100		2.24	0.000	0.384	0.384	0.491	08/27/2025	18:08
11	Q2967-01MS	1	2	100	100		2.27	0.000	0.386	0.386	0.494	08/27/2025	18:08
12	CCV2	0.5	1	100	100		2.15	0.000	0.394	0.394	0.504	08/27/2025	18:09
13	CCB2		1	100	100		1.90	0.000	0.000	0.000	-0.001	08/27/2025	18:09

WORKLIST(Hardcopy Internal Chain)

LB 136984

WorkList Name : hex-2967

WorkList ID : 191535

Department : Wet-Chemistry

Date : 08-27-2025 16:12:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2967-01	402	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG04	D21	08/27/2025	7196A

Date/Time 08/27/2025 16:30
Raw Sample Received by: RM (wsc)
Raw Sample Relinquished by: RM (wsc)

Date/Time 08/27/2025 17:30
Raw Sample Received by: RM (wsc)
Raw Sample Relinquished by: RM (wsc)