

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Eman

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136307

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113747
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0009

Slope: 0.763

Regression: 0.99999

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.52	1.91	0.000	0.000	0.000	-0.00		06/27/2025	11:46
2	CAL2	0.01	1	100	100	7.42	1.97	0.000	0.009	0.009	0.010	0	06/27/2025	11:47
3	CAL3	0.025	1	100	100	7.49	1.94	0.000	0.021	0.021	0.026	4	06/27/2025	11:48
4	CAL4	0.05	1	100	100	7.36	1.98	0.000	0.039	0.039	0.049	-2	06/27/2025	11:49
5	CAL5	0.1	1	100	100	7.35	1.99	0.000	0.078	0.078	0.101	1	06/27/2025	11:50
6	CAL6	0.5	1	100	100	7.40	2.01	0.000	0.380	0.380	0.496	-0.8	06/27/2025	11:51
7	CAL7	1	1	100	100	7.47	1.90	0.000	0.765	0.765	1.001	0.1	06/27/2025	11:52

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Run Number: LB136307

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	7.52	2.00	0.000	0.382	0.382	0.499	06/27/2025	11:53
2	ICB		1	100	100	7.36	1.88	0.000	0.001	0.001	0.000	06/27/2025	11:54
3	CCV1	0.5	1	100	100	7.40	1.92	0.000	0.378	0.378	0.494	06/27/2025	11:55
4	CCB1		1	100	100	7.39	1.79	0.000	0.000	0.000	-0.001	06/27/2025	11:56
5	RL Check	0.01	1	100	100	7.40	1.93	0.000	0.010	0.010	0.012	06/27/2025	11:57
6	PB168647BL		1	2.50	100	7.40	1.94	0.000	0.001	0.001	0.000	06/27/2025	11:58
7	PB168647BS	20	1	2.50	100	7.50	1.98	0.000	0.381	0.381	0.498	06/27/2025	11:59
8	Q2336-01		1	2.57	100	7.36	2.06	0.035	0.036	0.001	0.000	06/27/2025	12:00
9	Q2336-03		1	2.53	100	7.60	2.23	0.006	0.006	0.000	-0.001	06/27/2025	12:01
10	Q2429-01		1	2.54	100	7.52	2.10	0.004	0.005	0.001	0.000	06/27/2025	12:02
11	Q2430-01		1	2.52	100	7.60	2.24	0.001	0.001	0.000	-0.001	06/27/2025	12:03
12	Q2430-01DU		1	2.52	100	7.58	2.20	0.001	0.001	0.000	-0.001	06/27/2025	12:04
13	Q2430-01MS	40	2	2.51	100	7.57	2.25	0.001	0.301	0.300	0.392	06/27/2025	12:05
14	Q2430-01MS	1284	40	2.51	100	7.60	2.20	0.001	0.599	0.598	0.783	06/27/2025	12:06
15	Q2430-01MS	40	2	2.52	100	7.63	2.25	0.001	0.361	0.360	0.471	06/27/2025	12:07
16	CCV2	0.5	1	100	100	7.53	1.88	0.000	0.376	0.376	0.492	06/27/2025	12:08
17	CCB2		1	100	100	7.46	1.80	0.000	0.001	0.001	0.000	06/27/2025	12:09