

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Eman

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136293

pH Meter ID: pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113606
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0006

Slope: 0.7654

Regression: 0.999973

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	7.34	1.85	0.000	0.000	0.000	-0.00		06/26/2025	11:50
2	CAL2	0.01	1	100	100	7.38	1.67	0.000	0.009	0.009	0.010	0	06/26/2025	11:51
3	CAL3	0.025	1	100	100	7.45	2.10	0.000	0.020	0.020	0.025	0	06/26/2025	11:52
4	CAL4	0.05	1	100	100	7.53	2.24	0.000	0.039	0.039	0.050	0	06/26/2025	11:53
5	CAL5	0.1	1	100	100	7.42	2.32	0.000	0.079	0.079	0.102	2	06/26/2025	11:54
6	CAL6	0.5	1	100	100	7.51	1.74	0.000	0.379	0.379	0.494	-1.2	06/26/2025	11:55
7	CAL7	1	1	100	100	7.36	1.89	0.000	0.768	0.768	1.002	0.2	06/26/2025	11:56

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Run Number: LB136293

pH Meter ID: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	7.35	2.27	0.000	0.377	0.377	0.492	06/26/2025	11:57
2	ICB		1	100	100	7.31	2.45	0.000	0.001	0.001	0.001	06/26/2025	11:58
3	CCV1	0.5	1	100	100	7.42	1.96	0.000	0.381	0.381	0.497	06/26/2025	11:59
4	CCB1		1	100	100	7.24	1.87	0.000	0.000	0.000	-0.001	06/26/2025	12:00
5	RL Check	0.01	1	100	100	7.44	2.36	0.000	0.008	0.008	0.010	06/26/2025	12:01
6	PB168617BL		1	2.50	100	7.26	2.17	0.000	0.000	0.000	-0.001	06/26/2025	12:02
7	PB168617BS	20	1	2.50	100	7.48	1.76	0.000	0.385	0.385	0.502	06/26/2025	12:03
8	Q2405-01		1	2.52	100	7.54	1.68	0.004	0.004	0.000	-0.001	06/26/2025	12:04
9	Q2412-01		1	2.54	100	7.63	1.85	0.004	0.004	0.000	-0.001	06/26/2025	12:05
10	Q2414-01		1	2.54	100	7.41	2.07	0.002	0.002	0.000	-0.001	06/26/2025	12:06
11	Q2415-01		1	2.57	100	7.42	2.16	0.006	0.006	0.000	-0.001	06/26/2025	12:07
12	Q2416-01		1	2.51	100	7.65	2.24	0.000	0.001	0.001	0.001	06/26/2025	12:08
13	Q2416-01DU		1	2.51	100	7.69	2.36	0.000	0.001	0.001	0.001	06/26/2025	12:09
14	Q2416-01MS	40	2	2.52	100	7.63	1.63	0.000	0.320	0.320	0.417	06/26/2025	12:10
15	Q2416-01MS	1284	40	2.51	100	7.61	2.05	0.000	0.612	0.612	0.799	06/26/2025	12:11
16	CCV2	0.5	1	100	100	7.42	1.77	0.000	0.378	0.378	0.493	06/26/2025	12:12
17	CCB2		1	100	100	7.25	2.12	0.000	0.001	0.001	0.001	06/26/2025	12:13
18	Q2416-01MS	40	2	2.52	100	7.59	2.48	0.000	0.370	0.370	0.483	06/26/2025	12:14
19	Q2419-01		1	2.57	100	7.63	2.36	0.010	0.011	0.001	0.001	06/26/2025	12:15
20	Q2420-01		1	2.54	100	7.59	1.87	0.009	0.010	0.001	0.001	06/26/2025	12:16
21	Q2425-01		1	2.52	100	7.65	1.96	0.005	0.005	0.000	-0.001	06/26/2025	12:17
22	Q2425-02		1	2.55	100	7.68	2.35	0.018	0.018	0.000	-0.001	06/26/2025	12:18
23	Q2425-03		1	2.56	100	7.57	2.26	0.004	0.004	0.000	-0.001	06/26/2025	12:19
24	CCV3	0.5	1	100	100	7.65	2.14	0.000	0.383	0.383	0.500	06/26/2025	12:20
25	CCB3		1	100	100	7.46	2.07	0.000	0.001	0.001	0.001	06/26/2025	12:21