

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Eman

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136461

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113840
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0007

Slope: 0.7669

Regression: 0.999984

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	7.65	1.65	0.000	0.000	0.000	-0.00		07/14/2025	15:50
2	CAL2	0.01	1	100	100	7.59	1.56	0.000	0.008	0.008	0.009	-10	07/14/2025	15:51
3	CAL3	0.025	1	100	100	7.42	2.10	0.000	0.021	0.021	0.026	4	07/14/2025	15:52
4	CAL4	0.05	1	100	100	7.68	1.95	0.000	0.039	0.039	0.049	-2	07/14/2025	15:53
5	CAL5	0.1	1	100	100	7.41	1.74	0.000	0.079	0.079	0.102	2	07/14/2025	15:54
6	CAL6	0.5	1	100	100	7.34	2.24	0.000	0.381	0.381	0.495	-1	07/14/2025	15:55
7	CAL7	1	1	100	100	7.78	1.85	0.000	0.769	0.769	1.001	0.1	07/14/2025	15:56

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Run Number: LB136461

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	7.43	1.67	0.000	0.385	0.385	0.501	07/14/2025	15:57
2	ICB		1	100	100	7.24	1.87	0.000	0.000	0.000	-0.001	07/14/2025	15:58
3	CCV1	0.5	1	100	100	7.44	1.84	0.000	0.378	0.378	0.492	07/14/2025	15:59
4	CCB1		1	100	100	7.26	2.21	0.000	0.000	0.000	-0.001	07/14/2025	16:00
5	RL Check	0.01	1	100	100	7.45	2.34	0.000	0.010	0.010	0.012	07/14/2025	16:01
6	PB168829BL		1	2.50	100	7.49	2.43	0.000	0.000	0.000	-0.001	07/14/2025	16:02
7	PB168829BS	20	1	2.50	100	7.52	2.16	0.000	0.386	0.386	0.502	07/14/2025	16:03
8	Q2519-01		1	2.52	100	7.59	2.07	0.007	0.008	0.001	0.000	07/14/2025	16:04
9	Q2537-01		1	2.57	100	7.69	2.19	0.005	0.005	0.000	-0.001	07/14/2025	16:05
10	Q2571-01		1	2.54	100	7.31	2.45	0.021	0.022	0.001	0.000	07/14/2025	16:06
11	Q2571-05		1	2.52	100	7.26	2.37	0.021	0.021	0.000	-0.001	07/14/2025	16:07
12	Q2586-01		1	2.56	100	7.27	2.28	0.002	0.002	0.000	-0.001	07/14/2025	16:08
13	Q2586-01DU		1	2.52	100	7.31	2.10	0.002	0.002	0.000	-0.001	07/14/2025	16:09
14	Q2586-01MS	40	2	2.53	100	7.36	2.24	0.000	0.304	0.304	0.395	07/14/2025	16:10
15	Q2586-01MS	1284	40	2.52	100	7.34	1.86	0.000	0.596	0.596	0.776	07/14/2025	16:11
16	CCV2	0.5	1	100	100	7.44	1.65	0.000	0.380	0.380	0.495	07/14/2025	16:12
17	CCB2		1	100	100	7.27	2.29	0.000	0.001	0.001	0.000	07/14/2025	16:13
18	Q2586-01MS	40	2	2.53	100	7.32	1.69	0.000	0.365	0.365	0.475	07/14/2025	16:14
19	CCV3	0.5	1	100	100	7.67	1.73	0.000	0.381	0.381	0.496	07/14/2025	16:15
20	CCB3		1	100	100	7.41	1.84	0.000	0.000	0.000	-0.001	07/14/2025	16:16