

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136147

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113516
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0005

Slope: 0.7647

Regression: 0.999979

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	7.14	2.04	0.000	0.000	0.000	-0.00		06/13/2025	11:50
2	CAL2	0.01	1	100	100	7.23	1.99	0.000	0.008	0.008	0.009	-10	06/13/2025	11:51
3	CAL3	0.025	1	100	100	7.09	1.85	0.000	0.021	0.021	0.026	4	06/13/2025	11:52
4	CAL4	0.05	1	100	100	7.41	2.44	0.000	0.039	0.039	0.050	0	06/13/2025	11:53
5	CAL5	0.1	1	100	100	7.25	2.15	0.000	0.078	0.078	0.101	1	06/13/2025	11:54
6	CAL6	0.5	1	100	100	7.36	2.33	0.000	0.379	0.379	0.494	-1.2	06/13/2025	11:55
7	CAL7	1	1	100	100	7.52	1.78	0.000	0.767	0.767	1.002	0.2	06/13/2025	11:56

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Run Number: LB136147

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	7.11	2.32	0.000	0.385	0.385	0.503	06/13/2025	11:57
2	ICB		1	100	100	7.75	2.07	0.000	0.000	0.000	-0.001	06/13/2025	11:58
3	CCV1	0.5	1	100	100	7.28	1.86	0.000	0.374	0.374	0.488	06/13/2025	11:59
4	CCB1		1	100	100	7.44	2.17	0.000	0.000	0.000	-0.001	06/13/2025	12:00
5	RL Check	0.01	1	100	100	7.62	2.16	0.000	0.080	0.080	0.104	06/13/2025	12:01
6	PB168457BL		1	2.50	100	7.66	1.68	0.000	0.001	0.001	0.001	06/13/2025	12:02
7	PB168457BS	20	1	2.50	100	7.84	1.85	0.000	0.376	0.376	0.491	06/13/2025	12:03
8	Q2303-01		1	2.52	100	7.25	2.10	0.003	0.004	0.001	0.001	06/13/2025	12:04
9	Q2303-02		1	2.57	100	7.11	2.14	0.001	0.004	0.003	0.003	06/13/2025	12:05
10	Q2308-01		1	2.54	100	7.52	1.85	0.004	0.004	0.000	-0.001	06/13/2025	12:06
11	Q2310-01		1	2.52	100	7.85	2.33	0.002	0.002	0.000	-0.001	06/13/2025	12:07
12	Q2310-01DU		1	2.52	100	7.80	2.08	0.002	0.002	0.000	-0.001	06/13/2025	12:08
13	Q2310-01MS	40	2	2.51	100	7.44	2.17	0.002	0.342	0.340	0.444	06/13/2025	12:09
14	Q2310-01MS	1284	40	2.52	100	7.16	1.92	0.000	0.603	0.603	0.788	06/13/2025	12:10
15	Q2310-01MS	40	2	2.52	100	7.62	1.77	0.002	0.364	0.362	0.473	06/13/2025	12:11
16	CCV2	0.5	1	100	100	7.85	2.08	0.000	0.384	0.384	0.502	06/13/2025	12:12
17	CCB2		1	100	100	7.11	2.44	0.000	0.000	0.000	-0.001	06/13/2025	12:13