

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136208

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: 0.0008

Slope: 0.7628

Regression: 0.999994

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	7.48	2.07	0.000	0.000	0.000	-0.00		06/19/2025	15:10
2	CAL2	0.01	1	100	100	7.15	2.00	0.000	0.008	0.008	0.009	-10	06/19/2025	15:11
3	CAL3	0.025	1	100	100	7.63	2.47	0.000	0.020	0.020	0.025	0	06/19/2025	15:12
4	CAL4	0.05	1	100	100	7.85	1.96	0.000	0.039	0.039	0.050	0	06/19/2025	15:13
5	CAL5	0.1	1	100	100	7.11	1.88	0.000	0.079	0.079	0.102	2	06/19/2025	15:14
6	CAL6	0.5	1	100	100	7.54	1.59	0.000	0.381	0.381	0.498	-0.4	06/19/2025	15:15
7	CAL7	1	1	100	100	7.18	1.74	0.000	0.764	0.764	1.000	0	06/19/2025	15:16

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Run Number: LB136208

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	7.45	1.74	0.000	0.374	0.374	0.489	06/19/2025	15:17
2	ICB		1	100	100	7.60	1.58	0.000	0.001	0.001	0.000	06/19/2025	15:18
3	CCV1	0.5	1	100	100	7.79	2.07	0.000	0.387	0.387	0.506	06/19/2025	15:19
4	CCB1		1	100	100	7.64	2.16	0.000	0.000	0.000	-0.001	06/19/2025	15:20
5	RL Check	0.01	1	100	100	7.63	2.43	0.000	0.007	0.007	0.008	06/19/2025	15:21
6	PB168543BL		1	2.50	100	7.48	1.72	0.000	0.000	0.000	-0.001	06/19/2025	15:22
7	PB168543BS	20	1	2.50	100	7.25	1.54	0.000	0.375	0.375	0.491	06/19/2025	15:23
8	Q2347-01		1	2.53	100	7.44	2.30	0.003	0.003	0.000	-0.001	06/19/2025	15:24
9	Q2347-01DU		1	2.54	100	7.84	2.11	0.003	0.004	0.001	0.000	06/19/2025	15:25
10	Q2347-01MS	40	2	2.54	100	7.36	1.88	0.003	0.341	0.338	0.442	06/19/2025	15:26
11	Q2347-01MS	1284	40	2.52	100	7.45	2.25	0.000	0.614	0.614	0.804	06/19/2025	15:27
12	Q2347-01MS	40	2	2.55	100	7.80	1.83	0.003	0.371	0.368	0.481	06/19/2025	15:28
13	Q2354-01		1	2.58	100	7.36	1.75	0.004	0.005	0.001	0.000	06/19/2025	15:29
14	Q2355-01		1	2.54	100	7.28	2.08	0.007	0.009	0.002	0.002	06/19/2025	15:30
15	Q2357-01		1	2.56	100	7.58	2.42	0.002	0.003	0.001	0.000	06/19/2025	15:31
16	CCV2	0.5	1	100	100	7.51	1.69	0.000	0.377	0.377	0.493	06/19/2025	15:32
17	CCB2		1	100	100	7.09	1.87	0.000	0.001	0.001	0.000	06/19/2025	15:33
18	Q2358-01		1	2.55	100	7.73	2.17	0.004	0.005	0.001	0.000	06/19/2025	15:34
19	Q2362-01		1	2.52	100	7.40	1.96	0.006	0.008	0.002	0.002	06/19/2025	15:35
20	Q2362-05		1	2.56	100	7.99	2.08	0.004	0.004	0.000	-0.001	06/19/2025	15:36
21	Q2367-01		1	2.51	100	7.27	2.27	0.008	0.009	0.001	0.000	06/19/2025	15:37
22	Q2367-05		1	2.57	100	7.16	1.67	0.002	0.004	0.002	0.002	06/19/2025	15:38
23	CCV3	0.5	1	100	100	7.67	1.85	0.000	0.373	0.373	0.488	06/19/2025	15:39
24	CCB3		1	100	100	7.62	1.77	0.000	0.000	0.000	-0.001	06/19/2025	15:40