

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136175

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: 0.0009

Slope: 0.7641

Regression: 0.999989

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.54	2.14	0.000	0.000	0.000	-0.00		06/17/2025	14:00
2	CAL2	0.01	1	100	100	7.12	1.96	0.000	0.008	0.008	0.009	-10	06/17/2025	14:01
3	CAL3	0.025	1	100	100	7.33	1.85	0.000	0.022	0.022	0.027	8	06/17/2025	14:02
4	CAL4	0.05	1	100	100	7.84	1.77	0.000	0.040	0.040	0.051	2	06/17/2025	14:03
5	CAL5	0.1	1	100	100	7.08	2.03	0.000	0.077	0.077	0.099	-1	06/17/2025	14:04
6	CAL6	0.5	1	100	100	7.50	1.73	0.000	0.381	0.381	0.497	-0.6	06/17/2025	14:05
7	CAL7	1	1	100	100	7.45	1.84	0.000	0.766	0.766	1.001	0.1	06/17/2025	14:06

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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	7.44	2.06	0.000	0.384	0.384	0.501	06/17/2025	14:07
2	ICB		1	100	100	7.62	1.88	0.000	0.001	0.001	0.000	06/17/2025	14:08
3	CCV1	0.5	1	100	100	7.18	1.65	0.000	0.376	0.376	0.491	06/17/2025	14:09
4	CCB1		1	100	100	7.46	1.72	0.000	0.001	0.001	0.000	06/17/2025	14:10
5	RL Check	0.01	1	100	100	7.39	2.11	0.000	0.008	0.008	0.009	06/17/2025	14:11
6	PB168513BL		1	2.50	100	7.06	2.07	0.000	0.000	0.000	-0.001	06/17/2025	14:12
7	PB168513BS	20	1	2.50	100	7.45	2.41	0.000	0.379	0.379	0.495	06/17/2025	14:13
8	Q2298-01		1	2.53	100	7.87	1.68	0.006	0.006	0.000	-0.001	06/17/2025	14:14
9	Q2298-01DU		1	2.57	100	7.65	1.99	0.006	0.006	0.000	-0.001	06/17/2025	14:14
10	Q2298-01MS	40	2	2.54	100	7.19	2.37	0.005	0.347	0.342	0.446	06/17/2025	14:15
11	Q2298-01MS	1284	40	2.53	100	7.54	2.01	0.000	0.589	0.589	0.770	06/17/2025	14:16
12	Q2298-01MS	40	2	2.52	100	7.36	1.66	0.006	0.359	0.353	0.461	06/17/2025	14:17
13	Q2311-01		1	2.51	100	7.88	1.80	0.004	0.005	0.001	0.000	06/17/2025	14:18
14	Q2311-05		1	2.58	100	7.45	2.41	0.003	0.005	0.002	0.001	06/17/2025	14:19
15	Q2312-01		1	2.53	100	7.96	2.15	0.004	0.004	0.000	-0.001	06/17/2025	14:20
16	CCV2	0.5	1	100	100	7.55	2.19	0.000	0.386	0.386	0.504	06/17/2025	14:21
17	CCB2		1	100	100	7.70	2.06	0.000	0.001	0.001	0.000	06/17/2025	14:22
18	Q2319-01		1	2.57	100	7.49	1.64	0.017	0.017	0.000	-0.001	06/17/2025	14:23
19	Q2322-01		1	2.52	100	7.63	1.89	0.009	0.011	0.002	0.001	06/17/2025	14:24
20	Q2325-01		1	2.57	100	7.88	2.44	0.024	0.025	0.001	0.000	06/17/2025	14:25
21	Q2339-01		1	2.53	100	7.47	2.17	0.018	0.019	0.001	0.000	06/17/2025	14:26
22	Q2340-01		1	2.54	100	7.63	2.35	0.003	0.003	0.000	-0.001	06/17/2025	14:27
23	Q2341-01		1	2.56	100	7.85	2.22	0.006	0.008	0.002	0.001	06/17/2025	14:28
24	Q2341-05		1	2.52	100	7.49	1.92	0.021	0.023	0.002	0.001	06/17/2025	14:29
25	CCV3	0.5	1	100	100	7.33	2.24	0.000	0.381	0.381	0.497	06/17/2025	14:30
26	CCB3		1	100	100	7.60	1.88	0.000	0.000	0.000	-0.001	06/17/2025	14:31