

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135873

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113182
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0009

Slope: 0.7654

Regression: 0.999995

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	7.24	1.93	0.000	0.000	0.000	-0.00		05/21/2025	16:40
2	CAL2	0.01	1	100	100	7.35	1.97	0.000	0.009	0.009	0.010	0	05/21/2025	16:40
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.021	0.021	0.026	4	05/21/2025	16:41
4	CAL4	0.05	1	100	100	7.40	1.86	0.000	0.039	0.039	0.049	-2	05/21/2025	16:41
5	CAL5	0.1	1	100	100	7.41	1.90	0.000	0.078	0.078	0.100	0	05/21/2025	16:42
6	CAL6	0.5	1	100	100	7.39	1.97	0.000	0.382	0.382	0.497	-0.6	05/21/2025	16:42
7	CAL7	1	1	100	100	7.44	2.01	0.000	0.767	0.767	1.000	0	05/21/2025	16:43

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135873

pH Meter ID: WC 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	1.88	0.000	0.379	0.379	0.494	05/21/2025	16:43
2	ICB		1	100	100	7.32	1.79	0.000	0.001	0.001	0.000	05/21/2025	16:44
3	CCV1	0.5	1	100	100	7.43	1.89	0.000	0.382	0.382	0.498	05/21/2025	16:44
4	CCB1		1	100	100	7.28	1.75	0.000	0.001	0.001	0.000	05/21/2025	16:45
5	RL Check	0.01	1	100	100	7.42	1.92	0.000	0.010	0.010	0.012	05/21/2025	16:45
6	PB168119BL		1	2.50	100	7.30	1.77	0.000	0.001	0.001	0.000	05/21/2025	16:46
7	PB168119BS	20	1	2.50	100	7.42	1.96	0.000	0.382	0.382	0.498	05/21/2025	16:46
8	Q2087-01		1	2.52	100	7.51	2.06	0.006	0.006	0.000	-0.001	05/21/2025	16:47
9	Q2087-03		1	2.57	100	7.59	2.11	0.004	0.005	0.001	0.000	05/21/2025	16:47
10	Q2092-01		1	2.52	100	7.35	2.19	0.002	0.003	0.001	0.000	05/21/2025	16:48
11	Q2093-01		1	2.53	100	7.60	2.24	0.000	0.001	0.001	0.000	05/21/2025	16:48
12	Q2095-01		1	2.55	100	7.45	2.10	0.006	0.007	0.001	0.000	05/21/2025	16:49
13	Q2095-05		1	2.52	100	7.37	2.10	0.004	0.004	0.000	-0.001	05/21/2025	16:49
14	Q2097-01		1	2.54	100	7.60	2.02	0.008	0.009	0.001	0.000	05/21/2025	16:50
15	Q2097-03		1	2.52	100	7.68	2.14	0.002	0.002	0.000	-0.001	05/21/2025	16:50
16	CCV2	0.5	1	100	100	7.38	1.92	0.000	0.382	0.382	0.498	05/21/2025	16:51
17	CCB2		1	100	100	7.29	1.79	0.000	0.000	0.000	-0.001	05/21/2025	17:51
18	Q2097-05		1	2.56	100	7.59	2.15	0.000	0.001	0.001	0.000	05/21/2025	16:52
19	Q2097-07		1	2.57	100	7.60	2.20	0.004	0.004	0.000	-0.001	05/21/2025	16:52
20	Q2097-09		1	2.51	100	7.66	2.25	0.009	0.010	0.001	0.000	05/21/2025	16:53
21	Q2097-11		1	2.56	100	7.69	2.29	0.005	0.005	0.000	-0.001	05/21/2025	16:53
22	Q2097-13		1	2.54	100	7.64	2.17	0.006	0.006	0.000	-0.001	05/21/2025	16:54
23	Q2097-15		1	2.56	100	7.53	1.90	0.004	0.005	0.001	0.000	05/21/2025	16:54
24	Q2097-17		1	2.52	100	7.33	1.86	0.002	0.003	0.001	0.000	05/21/2025	16:55
25	Q2101-01		1	2.53	100	7.30	2.06	0.000	0.001	0.001	0.000	05/21/2025	16:55
26	Q2104-01		1	2.54	100	7.44	2.05	0.000	0.001	0.001	0.000	05/21/2025	16:56
27	Q2104-01DU		1	2.54	100	7.47	2.07	0.000	0.001	0.001	0.000	05/21/2025	16:56
28	CCV3	0.5	1	100	100	7.49	1.90	0.000	0.378	0.378	0.493	05/21/2025	16:57
29	CCB3		1	100	100	7.34	1.82	0.000	0.000	0.000	-0.001	05/21/2025	16:57
30	Q2104-01MS	40	2	2.55	100	7.42	2.04	0.000	0.311	0.311	0.405	05/21/2025	16:58
31	Q2104-01MS	1284	40	2.55	100	7.45	2.09	0.000	0.598	0.598	0.780	05/21/2025	16:58
32	Q2104-01MS	40	2	2.54	100	7.52	2.07	0.000	0.362	0.362	0.472	05/21/2025	16:59
33	CCV4	0.5	1	100	100	7.40	1.98	0.000	0.381	0.381	0.497	05/21/2025	16:59
34	CCB4		1	100	100	7.39	1.91	0.000	0.001	0.001	0.000	05/21/2025	17:00