

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137601

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115235
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0002

Slope: 0.7659

Regression: 0.999913

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	7.23	1.67	0.000	0.000	0.000	-0.00		10/21/2025	15:45
2	CAL2	0.01	1	100	100	7.52	1.84	0.000	0.009	0.009	0.011	10	10/21/2025	15:45
3	CAL3	0.025	1	100	100	7.47	1.88	0.000	0.021	0.021	0.027	8	10/21/2025	15:46
4	CAL4	0.05	1	100	100	7.54	1.90	0.000	0.039	0.039	0.050	0	10/21/2025	15:46
5	CAL5	0.1	1	100	100	7.42	1.97	0.000	0.078	0.078	0.101	1	10/21/2025	15:47
6	CAL6	0.5	1	100	100	7.39	1.90	0.000	0.375	0.375	0.489	-2.2	10/21/2025	15:47
7	CAL7	1	1	100	100	7.50	1.97	0.000	0.770	0.770	1.005	0.5	10/21/2025	15:48

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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	7.40	1.90	0.000	0.379	0.379	0.495	10/21/2025	15:48
2	ICB		1	100	100	7.34	1.96	0.000	0.000	0.000	0.000	10/21/2025	15:49
3	CCV1	0.5	1	100	100	7.36	2.07	0.000	0.380	0.380	0.496	10/21/2025	15:49
4	CCB1		1	100	100	7.40	1.91	0.000	0.000	0.000	0.000	10/21/2025	15:50
5	RL Check	0.01	1	100	100	7.42	2.02	0.000	0.010	0.010	0.013	10/21/2025	15:50
6	PB170189BL		1	2.50	100	7.45	1.84	0.000	0.000	0.000	0.000	10/21/2025	15:51
7	PB170189BS	20	1	2.50	100	7.52	2.07	0.000	0.379	0.379	0.495	10/21/2025	15:51
8	Q3375-01		1	2.57	100	7.52	1.92	0.020	0.020	0.000	0.000	10/21/2025	15:52
9	Q3375-02		1	2.51	100	7.50	1.88	0.006	0.007	0.001	0.001	10/21/2025	15:52
10	Q3375-03		1	2.54	100	7.59	1.99	0.003	0.004	0.001	0.001	10/21/2025	15:53
11	Q3375-04		1	2.52	100	7.42	2.10	0.021	0.021	0.000	0.000	10/21/2025	15:53
12	Q3375-05		1	2.55	100	7.44	2.00	0.025	0.026	0.001	0.001	10/21/2025	15:54
13	Q3376-01		1	2.57	100	7.60	1.90	0.026	0.026	0.000	0.000	10/21/2025	15:54
14	Q3376-02		1	2.54	100	7.55	1.94	0.025	0.026	0.001	0.001	10/21/2025	15:55
15	Q3376-03		1	2.53	100	7.47	2.11	0.024	0.024	0.000	0.000	10/21/2025	15:55
16	CCV2	0.5	1	100	100	7.57	1.97	0.000	0.376	0.376	0.491	10/21/2025	15:56
17	CCB2		1	100	100	7.50	1.86	0.000	0.001	0.001	0.001	10/21/2025	15:56
18	Q3376-04		1	2.55	100	7.36	2.17	0.020	0.021	0.001	0.001	10/21/2025	15:57
19	Q3376-05		1	2.55	100	7.36	1.92	0.011	0.012	0.001	0.001	10/21/2025	15:57
20	Q3383-01		1	2.52	100	7.46	1.90	0.000	0.001	0.001	0.001	10/21/2025	15:58
21	Q3397-01		1	2.52	100	7.43	2.02	0.000	0.001	0.001	0.001	10/21/2025	15:58
22	Q3399-01		1	2.55	100	7.34	1.80	0.000	0.000	0.000	0.000	10/21/2025	15:59
23	Q3402-01		1	2.52	100	7.41	2.06	0.034	0.034	0.000	0.000	10/21/2025	15:59
24	Q3402-04		1	2.53	100	7.46	2.14	0.036	0.037	0.001	0.001	10/21/2025	16:00
25	Q3402-07		1	2.51	100	7.56	2.10	0.014	0.014	0.000	0.000	10/21/2025	16:00
26	Q3402-10		1	2.54	100	7.53	2.01	0.030	0.031	0.001	0.001	10/21/2025	16:01
27	Q3403-01		1	2.53	100	7.36	2.24	0.000	0.000	0.000	0.000	10/21/2025	16:01
28	CCV3	0.5	1	100	100	7.55	2.10	0.000	0.380	0.380	0.496	10/21/2025	16:02
29	CCB3		1	100	100	7.29	2.06	0.000	0.000	0.000	0.000	10/21/2025	16:02
30	Q3403-01DU		1	2.53	100	7.40	2.20	0.000	0.000	0.000	0.000	10/21/2025	16:03
31	Q3403-01MS	40	2	2.55	100	7.42	2.17	0.000	0.339	0.339	0.442	10/21/2025	16:03
32	Q3403-01MS	1284	40	2.53	100	7.45	2.19	0.000	0.599	0.599	0.782	10/21/2025	16:04
33	Q3403-01MS	40	2	2.56	100	7.36	2.25	0.000	0.361	0.361	0.471	10/21/2025	16:04
34	Q3412-01		1	2.58	100	7.52	2.19	0.010	0.010	0.000	0.000	10/21/2025	16:05
35	CCV4	0.5	1	100	100	7.40	1.94	0.000	0.375	0.375	0.489	10/21/2025	16:05
36	CCB4		1	100	100	7.52	1.70	0.000	0.000	0.000	0.000	10/21/2025	16:06