

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137625

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115295
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0004

Slope: 0.7641

Regression: 0.999982

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	7.36	1.75	0.000	0.000	0.000	-0.00		10/23/2025	12:15
2	CAL2	0.01	1	100	100	7.42	1.84	0.000	0.008	0.008	0.009	-10	10/23/2025	12:15
3	CAL3	0.025	1	100	100	7.45	1.88	0.000	0.021	0.021	0.026	4	10/23/2025	12:16
4	CAL4	0.05	1	100	100	7.42	1.84	0.000	0.038	0.038	0.049	-2	10/23/2025	12:16
5	CAL5	0.1	1	100	100	7.49	1.89	0.000	0.078	0.078	0.101	1	10/23/2025	12:17
6	CAL6	0.5	1	100	100	7.52	1.92	0.000	0.379	0.379	0.495	-1	10/23/2025	12:17
7	CAL7	1	1	100	100	7.48	1.90	0.000	0.766	0.766	1.001	0.1	10/23/2025	12:18

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Run Number: LB137625

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	0.374	0.374	0.489	10/23/2025	12:18
2	ICB		1	100	100	7.30	1.92	0.000	0.001	0.001	0.001	10/23/2025	12:19
3	CCV1	0.5	1	100	100	7.54	1.98	0.000	0.378	0.378	0.494	10/23/2025	12:19
4	CCB1		1	100	100	7.42	1.70	0.000	0.000	0.000	-0.001	10/23/2025	12:20
5	RL Check	0.01	1	100	100	7.50	2.06	0.000	0.009	0.009	0.011	10/23/2025	12:20
6	PB170212BL		1	2.50	100	7.50	2.02	0.000	0.001	0.001	0.001	10/23/2025	12:21
7	PB170212BS	20	1	2.50	100	7.39	2.01	0.000	0.376	0.376	0.492	10/23/2025	12:21
8	Q3393-01		1	2.51	100	7.52	1.90	0.004	0.005	0.001	0.001	10/23/2025	12:22
9	Q3393-02		1	2.57	100	7.42	1.94	0.005	0.006	0.001	0.001	10/23/2025	12:22
10	Q3393-03		1	2.53	100	7.40	1.91	0.008	0.009	0.001	0.001	10/23/2025	12:23
11	Q3393-04		1	2.57	100	7.52	1.99	0.010	0.010	0.000	-0.001	10/23/2025	12:23
12	Q3393-05		1	2.55	100	7.60	2.10	0.010	0.011	0.001	0.001	10/23/2025	12:24
13	Q3395-01		1	2.52	100	7.36	2.06	0.000	0.001	0.001	0.001	10/23/2025	12:24
14	Q3395-02		1	2.52	100	7.39	2.04	0.000	0.001	0.001	0.001	10/23/2025	12:25
15	Q3395-02DU		1	2.53	100	7.42	2.06	0.000	0.001	0.001	0.001	10/23/2025	12:25
16	CCV2	0.5	1	100	100	7.36	2.06	0.000	0.374	0.374	0.489	10/23/2025	12:26
17	CCB2		1	100	100	7.33	1.98	0.000	0.001	0.001	0.001	10/23/2025	12:26
18	Q3395-02MS	40	2	2.52	100	7.36	1.99	0.000	0.297	0.297	0.388	10/23/2025	12:27
19	Q3395-02MS	1284	40	2.52	100	7.42	2.07	0.000	0.590	0.590	0.772	10/23/2025	12:27
20	Q3395-02MS	40	2	2.54	100	7.45	2.10	0.000	0.349	0.349	0.456	10/23/2025	12:28
21	Q3395-05		1	2.56	100	7.52	2.24	0.010	0.010	0.000	-0.001	10/23/2025	12:28
22	Q3395-06		1	2.58	100	7.60	2.10	0.000	0.000	0.000	-0.001	10/23/2025	12:29
23	Q3395-07		1	2.51	100	7.55	2.17	0.002	0.003	0.001	0.001	10/23/2025	12:29
24	Q3416-01		1	2.52	100	7.42	2.06	0.000	0.000	0.000	-0.001	10/23/2025	12:30
25	Q3422-01		1	2.57	100	7.50	1.92	0.008	0.009	0.001	0.001	10/23/2025	12:30
26	Q3424-01		1	2.55	100	7.57	1.94	0.010	0.011	0.001	0.001	10/23/2025	12:31
27	Q3424-02		1	2.52	100	7.61	1.81	0.012	0.012	0.000	-0.001	10/23/2025	12:31
28	CCV3	0.5	1	100	100	7.56	1.88	0.000	0.378	0.378	0.494	10/23/2025	12:32
29	CCB3		1	100	100	7.51	1.90	0.000	0.001	0.001	0.001	10/23/2025	12:32
30	Q3424-03		1	2.56	100	7.39	2.10	0.010	0.010	0.000	-0.001	10/23/2025	12:33
31	Q3427-01		1	2.53	100	7.34	2.00	0.000	0.000	0.000	-0.001	10/23/2025	12:33
32	Q3431-01		1	2.55	100	7.64	2.10	0.000	0.000	0.000	-0.001	10/23/2025	12:34
33	CCV4	0.5	1	100	100	7.46	1.97	0.000	0.379	0.379	0.495	10/23/2025	12:34
34	CCB4		1	100	100	7.26	1.88	0.000	0.000	0.000	-0.001	10/23/2025	12:35