

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137657

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115295
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0009

Slope: 0.7632

Regression: 0.999943

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	7.42	1.88	0.000	0.000	0.000	-0.00		10/27/2025	12:20
2	CAL2	0.01	1	100	100	7.48	2.06	0.000	0.009	0.009	0.010	0	10/27/2025	12:20
3	CAL3	0.025	1	100	100	7.51	1.95	0.000	0.021	0.021	0.026	4	10/27/2025	12:21
4	CAL4	0.05	1	100	100	7.44	1.92	0.000	0.040	0.040	0.051	2	10/27/2025	12:21
5	CAL5	0.1	1	100	100	7.54	2.04	0.000	0.079	0.079	0.102	2	10/27/2025	12:22
6	CAL6	0.5	1	100	100	7.55	1.99	0.000	0.376	0.376	0.491	-1.8	10/27/2025	12:22
7	CAL7	1	1	100	100	7.45	2.00	0.000	0.767	0.767	1.003	0.3	10/27/2025	12:23

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Run Number: LB137657

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	7.39	2.04	0.000	0.380	0.380	0.497	10/27/2025	12:23
2	ICB		1	100	100	7.35	1.80	0.000	0.001	0.001	0.000	10/27/2025	12:24
3	CCV1	0.5	1	100	100	7.44	1.87	0.000	0.378	0.378	0.494	10/27/2025	12:24
4	CCB1		1	100	100	7.42	1.95	0.000	0.000	0.000	-0.001	10/27/2025	12:25
5	RL Check	0.01	1	100	100	7.44	1.98	0.000	0.010	0.010	0.012	10/27/2025	12:25
6	PB170253BL		1	2.50	100	7.47	2.02	0.000	0.000	0.000	-0.001	10/27/2025	12:26
7	PB170253BS	20	1	2.50	100	7.52	1.90	0.000	0.378	0.378	0.494	10/27/2025	12:26
8	Q3419-01		1	2.56	100	7.42	2.10	0.000	0.001	0.001	0.000	10/27/2025	12:27
9	Q3419-01DU		1	2.57	100	7.46	2.14	0.000	0.001	0.001	0.000	10/27/2025	12:27
10	Q3419-01MS	40	2	2.57	100	7.40	2.11	0.000	0.319	0.319	0.417	10/27/2025	12:28
11	Q3419-01MS	1284	40	2.55	100	7.45	2.07	0.000	0.609	0.609	0.797	10/27/2025	12:28
12	Q3419-01MS	40	2	2.56	100	7.44	2.15	0.000	0.370	0.370	0.484	10/27/2025	12:29
13	Q3419-04		1	2.57	100	7.52	2.02	0.008	0.009	0.001	0.000	10/27/2025	12:29
14	Q3419-05		1	2.55	100	7.36	2.18	0.010	0.010	0.000	-0.001	10/27/2025	12:30
15	Q3439-01		1	2.52	100	7.52	1.94	0.000	0.000	0.000	-0.001	10/27/2025	12:30
16	CCV2	0.5	1	100	100	7.53	2.07	0.000	0.374	0.374	0.489	10/27/2025	12:31
17	CCB2		1	100	100	7.50	1.79	0.000	0.000	0.000	-0.001	10/27/2025	12:31
18	Q3439-05		1	2.53	100	7.39	2.10	0.000	0.001	0.001	0.000	10/27/2025	12:32
19	Q3440-01		1	2.55	100	7.31	2.14	0.007	0.010	0.003	0.003	10/27/2025	12:32
20	Q3445-01		1	2.57	100	7.36	1.88	0.011	0.014	0.003	0.003	10/27/2025	12:33
21	Q3449-01		1	2.54	100	7.40	1.94	0.037	0.038	0.001	0.000	10/27/2025	12:33
22	Q3451-01		1	2.56	100	7.54	2.27	0.002	0.002	0.000	-0.001	10/27/2025	12:34
23	Q3451-05		1	2.51	100	7.52	2.06	0.000	0.001	0.001	0.000	10/27/2025	12:34
24	Q3452-01		1	2.55	100	7.59	1.88	0.032	0.032	0.000	-0.001	10/27/2025	12:35
25	Q3457-01		1	2.53	100	7.64	2.00	0.010	0.010	0.000	-0.001	10/27/2025	12:35
26	Q3460-01		1	2.55	100	7.60	2.09	0.003	0.004	0.001	0.000	10/27/2025	12:36
27	Q3460-05		1	2.52	100	7.54	1.90	0.000	0.001	0.001	0.000	10/27/2025	12:36
28	CCV3	0.5	1	100	100	7.49	1.92	0.000	0.377	0.377	0.493	10/27/2025	12:37
29	CCB3		1	100	100	7.31	1.94	0.000	0.000	0.000	-0.001	10/27/2025	12:37
30	Q3460-09		1	2.58	100	7.60	1.93	0.000	0.000	0.000	-0.001	10/27/2025	12:38
31	Q3460-13		1	2.56	100	7.57	1.99	0.000	0.001	0.001	0.000	10/27/2025	12:38
32	Q3460-17		1	2.55	100	7.55	1.89	0.000	0.001	0.001	0.000	10/27/2025	12:39
33	Q3466-02		1	2.54	100	7.51	2.19	0.011	0.014	0.003	0.003	10/27/2025	12:39
34	Q3466-05		1	2.53	100	7.36	2.22	0.008	0.012	0.004	0.004	10/27/2025	12:40
35	Q3466-07		1	2.54	100	7.42	1.77	0.000	0.000	0.000	-0.001	10/27/2025	12:40
36	CCV4	0.5	1	100	100	7.40	2.07	0.000	0.374	0.374	0.489	10/27/2025	12:41
37	CCB4		1	100	100	7.49	2.01	0.000	0.001	0.001	0.000	10/27/2025	12:41