

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138194

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP116010
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP115854

Intercept: 0.0006

Slope: 0.7639

Regression: 0.999959

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	1.70	0.000	0.000	0.000	-0.00		12/11/2025	13:00
2	CAL2	0.01	1	100	100	7.33	1.85	0.000	0.009	0.009	0.010	0	12/11/2025	13:01
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.026	4	12/11/2025	13:02
4	CAL4	0.05	1	100	100	7.33	1.89	0.000	0.039	0.039	0.050	0	12/11/2025	13:03
5	CAL5	0.1	1	100	100	7.41	1.88	0.000	0.078	0.078	0.101	1	12/11/2025	13:04
6	CAL6	0.5	1	100	100	7.40	1.86	0.000	0.377	0.377	0.492	-1.6	12/11/2025	13:05
7	CAL7	1	1	100	100	7.40	1.90	0.000	0.767	0.767	1.003	0.3	12/11/2025	13:06

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Run Number: LB138194

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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	7.42	1.98	0.000	0.364	0.364	0.476	12/11/2025	13:07
2	ICB		1	100	100	7.36	1.94	0.000	0.001	0.001	0.001	12/11/2025	13:08
3	CCV1	0.5	1	100	100	7.39	2.01	0.000	0.367	0.367	0.480	12/11/2025	13:09
4	CCB1		1	100	100	7.44	1.83	0.000	0.001	0.001	0.001	12/11/2025	13:10
5	RL Check	0.01	1	100	100	7.45	1.88	0.000	0.009	0.009	0.011	12/11/2025	13:11
6	PB170895BL		1	2.50	100	7.40	1.99	0.000	0.001	0.001	0.001	12/11/2025	13:12
7	PB170895BS	20	1	2.50	100	7.43	2.06	0.000	0.361	0.361	0.472	12/11/2025	13:13
8	Q3826-01		1	2.55	100	7.39	2.18	0.000	0.001	0.001	0.001	12/11/2025	13:14
9	Q3826-03		1	2.53	100	7.52	2.10	0.002	0.002	0.000	-0.001	12/11/2025	13:15
10	Q3826-05		1	2.58	100	7.42	2.01	0.002	0.003	0.001	0.001	12/11/2025	13:16
11	Q3826-07		1	2.54	100	7.45	1.88	0.004	0.004	0.000	-0.001	12/11/2025	13:17
12	Q3826-09		1	2.54	100	7.59	1.93	0.024	0.025	0.001	0.001	12/11/2025	13:18
13	Q3826-11		1	2.57	100	7.55	2.10	0.030	0.031	0.001	0.001	12/11/2025	13:19
14	Q3826-13		1	2.57	100	7.52	2.06	0.000	0.000	0.000	-0.001	12/11/2025	13:20
15	Q3827-01		1	2.53	100	7.42	2.03	0.000	0.000	0.000	-0.001	12/11/2025	13:21
16	CCV2	0.5	1	100	100	7.47	2.00	0.000	0.361	0.361	0.472	12/11/2025	13:22
17	CCB2		1	100	100	7.40	2.04	0.000	0.000	0.000	-0.001	12/11/2025	13:23
18	Q3827-01DU		1	2.53	100	7.45	1.99	0.000	0.000	0.000	-0.001	12/11/2025	13:24
19	Q3827-01MS	40	2	2.52	100	7.42	2.06	0.000	0.330	0.330	0.431	12/11/2025	13:25
20	Q3827-01MS	1284	40	2.54	100	7.45	2.00	0.000	0.606	0.606	0.793	12/11/2025	13:26
21	Q3827-01MS	40	2	2.53	100	7.43	2.03	0.000	0.374	0.374	0.489	12/11/2025	13:27
22	Q3831-01		1	2.58	100	7.52	2.01	0.030	0.030	0.000	-0.001	12/11/2025	13:28
23	CCV3	0.5	1	100	100	7.45	1.91	0.000	0.358	0.358	0.468	12/11/2025	13:29
24	CCB3		1	100	100	7.37	1.97	0.000	0.000	0.000	-0.001	12/11/2025	13:30