

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138023

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115816
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP114310

Intercept: 0.001

Slope: 0.7626

Regression: 0.999977

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	7.31	1.94	0.000	0.000	0.000	-0.00		11/24/2025	13:10
2	CAL2	0.01	1	100	100	7.36	1.97	0.000	0.008	0.008	0.009	-10	11/24/2025	13:10
3	CAL3	0.025	1	100	100	7.33	1.92	0.000	0.021	0.021	0.026	4	11/24/2025	13:11
4	CAL4	0.05	1	100	100	7.38	1.94	0.000	0.039	0.039	0.049	-2	11/24/2025	13:11
5	CAL5	0.1	1	100	100	7.36	2.06	0.000	0.080	0.080	0.103	3	11/24/2025	13:12
6	CAL6	0.5	1	100	100	7.40	2.00	0.000	0.379	0.379	0.495	-1	11/24/2025	13:12
7	CAL7	1	1	100	100	7.41	1.92	0.000	0.765	0.765	1.001	0.1	11/24/2025	13:13

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Run Number: LB138023

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	7.36	1.92	0.000	0.377	0.377	0.493	11/24/2025	13:13
2	ICB		1	100	100	7.27	1.90	0.000	0.001	0.001	0.000	11/24/2025	13:14
3	CCV1	0.5	1	100	100	7.44	1.94	0.000	0.379	0.379	0.496	11/24/2025	13:14
4	CCB1		1	100	100	7.36	1.97	0.000	0.000	0.000	-0.001	11/24/2025	13:15
5	RL Check	0.01	1	100	100	7.45	1.90	0.000	0.009	0.009	0.010	11/24/2025	13:15
6	PB170696BL		1	2.50	100	7.40	1.90	0.000	0.000	0.000	-0.001	11/24/2025	13:16
7	PB170696BS	20	1	2.50	100	7.44	1.94	0.000	0.375	0.375	0.490	11/24/2025	13:16
8	Q3699-01		1	2.53	100	7.42	1.92	0.000	0.001	0.001	0.000	11/24/2025	13:17
9	Q3699-01DU		1	2.53	100	7.43	1.96	0.000	0.001	0.001	0.000	11/24/2025	13:17
10	Q3699-01MS	40	2	2.55	100	7.47	1.94	0.000	0.322	0.322	0.421	11/24/2025	13:18
11	Q3699-01MS	1284	40	2.54	100	7.42	1.88	0.000	0.602	0.602	0.788	11/24/2025	13:18
12	Q3699-01MS	40	2	2.53	100	7.52	1.95	0.000	0.364	0.364	0.476	11/24/2025	13:19
13	Q3699-03		1	2.53	100	7.39	1.90	0.000	0.000	0.000	-0.001	11/24/2025	13:19
14	Q3707-01		1	2.57	100	7.50	1.99	0.004	0.005	0.001	0.000	11/24/2025	13:20
15	Q3709-01		1	2.56	100	7.60	2.10	0.006	0.006	0.000	-0.001	11/24/2025	13:20
16	CCV2	0.5	1	100	100	7.55	2.05	0.000	0.379	0.379	0.496	11/24/2025	13:21
17	CCB2		1	100	100	7.50	2.06	0.000	0.001	0.001	0.000	11/24/2025	13:21
18	Q3710-01		1	2.51	100	7.51	2.11	0.010	0.010	0.000	-0.001	11/24/2025	13:22
19	Q3710-03		1	2.55	100	7.53	2.01	0.000	0.001	0.001	0.000	11/24/2025	13:22
20	Q3710-05		1	2.55	100	7.49	1.92	0.020	0.024	0.004	0.004	11/24/2025	13:23
21	Q3711-01		1	2.57	100	7.58	1.88	0.000	0.000	0.000	-0.001	11/24/2025	13:23
22	Q3711-03		1	2.56	100	7.58	1.80	0.002	0.003	0.001	0.000	11/24/2025	13:24
23	Q3712-01		1	2.51	100	7.54	1.93	0.000	0.000	0.000	-0.001	11/24/2025	13:24
24	CCV3	0.5	1	100	100	7.35	2.04	0.000	0.374	0.374	0.489	11/24/2025	13:25
25	CCB3		1	100	100	7.22	2.00	0.000	0.001	0.001	0.000	11/24/2025	13:25