

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137963

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115688
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0003

Slope: 0.7655

Regression: 0.999893

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	1.61	0.000	0.000	0.000	-0.00		11/19/2025	13:10
2	CAL2	0.01	1	100	100	7.40	1.76	0.000	0.009	0.009	0.011	10	11/19/2025	13:10
3	CAL3	0.025	1	100	100	7.53	1.79	0.000	0.020	0.020	0.025	0	11/19/2025	13:11
4	CAL4	0.05	1	100	100	7.50	1.84	0.000	0.040	0.040	0.051	2	11/19/2025	13:11
5	CAL5	0.1	1	100	100	7.45	1.88	0.000	0.079	0.079	0.102	2	11/19/2025	13:12
6	CAL6	0.5	1	100	100	7.42	1.85	0.000	0.374	0.374	0.488	-2.4	11/19/2025	13:12
7	CAL7	1	1	100	100	7.40	1.89	0.000	0.770	0.770	1.005	0.5	11/19/2025	13:13

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Run Number: LB137963

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	7.38	1.94	0.000	0.377	0.377	0.492	11/19/2025	13:13
2	ICB		1	100	100	7.45	1.91	0.000	0.001	0.001	0.001	11/19/2025	13:14
3	CCV1	0.5	1	100	100	7.52	1.84	0.000	0.376	0.376	0.491	11/19/2025	13:14
4	CCB1		1	100	100	7.42	1.94	0.000	0.001	0.001	0.001	11/19/2025	13:15
5	RL Check	0.01	1	100	100	7.54	1.85	0.000	0.010	0.010	0.013	11/19/2025	13:15
6	PB170592BL		1	2.50	100	7.51	1.90	0.000	0.000	0.000	0.000	11/19/2025	13:16
7	PB170592BS	20	1	2.50	100	7.55	1.98	0.000	0.374	0.374	0.488	11/19/2025	13:16
8	Q3652-01		1	2.52	100	7.38	1.97	0.000	0.001	0.001	0.001	11/19/2025	13:17
9	Q3652-01DU		1	2.53	100	7.40	2.04	0.000	0.001	0.001	0.001	11/19/2025	13:17
10	Q3652-01MS	40	2	2.53	100	7.41	2.01	0.000	0.330	0.330	0.431	11/19/2025	13:18
11	Q3652-01MS	1284	40	2.55	100	7.45	2.06	0.000	0.604	0.604	0.789	11/19/2025	13:18
12	Q3652-01MS	40	2	2.52	100	7.40	1.99	0.000	0.363	0.363	0.474	11/19/2025	13:19
13	Q3656-01		1	2.51	100	7.52	1.90	0.036	0.036	0.000	0.000	11/19/2025	13:19
14	Q3658-01		1	2.54	100	7.36	2.10	0.021	0.022	0.001	0.001	11/19/2025	13:20
15	Q3659-01		1	2.56	100	7.42	2.02	0.000	0.000	0.000	0.000	11/19/2025	13:20
16	CCV2	0.5	1	100	100	7.48	2.06	0.000	0.376	0.376	0.491	11/19/2025	13:21
17	CCB2		1	100	100	7.54	1.85	0.000	0.001	0.001	0.001	11/19/2025	13:21
18	Q3659-02		1	2.51	100	7.50	1.88	0.000	0.001	0.001	0.001	11/19/2025	13:22
19	Q3662-04		1	2.52	100	7.55	1.92	0.015	0.026	0.011	0.014	11/19/2025	13:22
20	Q3664-01		1	2.54	100	7.61	1.97	0.000	0.001	0.001	0.001	11/19/2025	13:23
21	Q3664-03		1	2.57	100	7.32	1.88	0.000	0.023	0.023	0.030	11/19/2025	13:23
22	Q3664-05		1	2.54	100	7.36	1.99	0.000	0.001	0.001	0.001	11/19/2025	13:24
23	Q3669-01		1	2.58	100	7.42	1.93	0.004	0.005	0.001	0.001	11/19/2025	13:24
24	CCV3	0.5	1	100	100	7.40	1.92	0.000	0.379	0.379	0.495	11/19/2025	13:25
25	CCB3		1	100	100	7.32	1.91	0.000	0.001	0.001	0.001	11/19/2025	13:25