

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138048

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: -0.0002

Slope: 0.7629

Regression: 0.999836

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	7.21	2.01	0.000	0.000	0.000	0.000		11/26/2025	14:40
2	CAL2	0.01	1	100	100	7.29	2.06	0.000	0.008	0.008	0.010	0	11/26/2025	14:40
3	CAL3	0.025	1	100	100	7.34	1.94	0.000	0.020	0.020	0.026	4	11/26/2025	14:41
4	CAL4	0.05	1	100	100	7.39	1.97	0.000	0.040	0.040	0.052	4	11/26/2025	14:41
5	CAL5	0.1	1	100	100	7.45	2.00	0.000	0.078	0.078	0.102	2	11/26/2025	14:42
6	CAL6	0.5	1	100	100	7.47	2.06	0.000	0.370	0.370	0.485	-3	11/26/2025	14:42
7	CAL7	1	1	100	100	7.52	2.02	0.000	0.768	0.768	1.006	0.6	11/26/2025	14:43

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Run Number: LB138048

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	7.45	1.91	0.000	0.368	0.368	0.483	11/26/2025	14:43
2	ICB		1	100	100	7.40	1.94	0.000	0.000	0.000	0.000	11/26/2025	14:44
3	CCV1	0.5	1	100	100	7.53	1.96	0.000	0.367	0.367	0.481	11/26/2025	14:44
4	CCB1		1	100	100	7.36	1.99	0.000	0.000	0.000	0.000	11/26/2025	14:45
5	RL Check	0.01	1	100	100	7.36	2.01	0.000	0.008	0.008	0.011	11/26/2025	14:45
6	PB170734BL		1	2.50	100	7.37	2.07	0.000	0.000	0.000	0.000	11/26/2025	14:46
7	PB170734BS	20	1	2.50	100	7.41	1.92	0.000	0.361	0.361	0.473	11/26/2025	14:46
8	Q3483-06		1	2.50	100	7.43	1.94	0.034	1.851	1.817	2.382	11/26/2025	14:47
9	Q3714-01		1	2.55	100	7.45	2.02	0.000	0.000	0.000	0.000	11/26/2025	14:47
10	Q3714-01DU		1	2.55	100	7.49	2.06	0.000	0.000	0.000	0.000	11/26/2025	14:48
11	Q3714-01MS	40	2	2.57	100	7.44	1.99	0.000	0.337	0.337	0.442	11/26/2025	14:48
12	Q3714-01MS	1284	40	2.56	100	7.52	2.02	0.000	0.606	0.606	0.795	11/26/2025	14:49
13	Q3714-01MS	40	2	2.55	100	7.52	2.10	0.000	0.371	0.371	0.487	11/26/2025	14:49
14	Q3721-01		1	2.58	100	7.54	2.10	0.004	0.004	0.000	0.000	11/26/2025	14:50
15	Q3723-01		1	2.54	100	7.40	2.19	0.006	0.006	0.000	0.000	11/26/2025	14:50
16	Q3483-06		5	2.50	100	7.43	1.94	0.003	0.373	0.370	0.485	11/26/2025	14:51
17	CCV2	0.5	1	100	100	7.47	1.88	0.000	0.364	0.364	0.477	11/26/2025	14:51
18	CCB2		1	100	100	7.40	1.82	0.000	0.001	0.001	0.002	11/26/2025	14:52