

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135905

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113182
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0011

Slope: 0.7641

Regression: 0.999986

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	7.24	1.94	0.000	0.000	0.000	-0.00		05/23/2025	13:50
2	CAL2	0.01	1	100	100	7.36	1.98	0.000	0.008	0.008	0.009	-10	05/23/2025	13:51
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.021	0.021	0.026	4	05/23/2025	13:52
4	CAL4	0.05	1	100	100	7.36	1.90	0.000	0.039	0.039	0.049	-2	05/23/2025	13:53
5	CAL5	0.1	1	100	100	7.40	1.89	0.000	0.080	0.080	0.103	3	05/23/2025	13:54
6	CAL6	0.5	1	100	100	7.39	1.92	0.000	0.381	0.381	0.497	-0.6	05/23/2025	13:55
7	CAL7	1	1	100	100	7.38	1.87	0.000	0.766	0.766	1.001	0.1	05/23/2025	13:56

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Run Number: LB135905

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	7.44	1.91	0.000	0.383	0.383	0.500	05/23/2025	13:57
2	ICB		1	100	100	7.42	1.77	0.000	0.001	0.001	0.000	05/23/2025	13:58
3	CCV1	0.5	1	100	100	7.42	1.85	0.000	0.380	0.380	0.496	05/23/2025	13:59
4	CCB1		1	100	100	7.27	1.80	0.000	0.001	0.001	0.000	05/23/2025	14:00
5	RL Check	0.01	1	100	100	7.39	1.93	0.000	0.009	0.009	0.010	05/23/2025	14:01
6	PB168147BL		1	2.50	100	7.32	1.82	0.000	0.000	0.000	-0.001	05/23/2025	14:02
7	PB168147BS	20	1	2.50	100	7.40	1.97	0.000	0.380	0.380	0.496	05/23/2025	14:03
8	Q2109-01		1	2.58	100	7.60	2.17	0.007	0.010	0.003	0.002	05/23/2025	14:04
9	Q2112-01		1	2.55	100	7.41	2.13	0.000	0.001	0.001	0.000	05/23/2025	14:05
10	Q2112-01DU		1	2.55	100	7.40	2.15	0.000	0.001	0.001	0.000	05/23/2025	14:06
11	Q2112-01MS	40	2	2.54	100	7.45	2.15	0.000	0.326	0.326	0.425	05/23/2025	14:07
12	Q2112-01MS	1284	40	2.55	100	7.42	2.11	0.000	0.601	0.601	0.785	05/23/2025	14:08
13	Q2112-01MS	40	2	2.54	100	7.52	2.20	0.000	0.371	0.371	0.484	05/23/2025	14:09
14	CCV2	0.5	1	100	100	7.49	1.90	0.000	0.379	0.379	0.495	05/23/2025	14:10
15	CCB2		1	100	100	7.33	1.84	0.000	0.001	0.001	0.000	05/23/2025	14:11