

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB138110

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115855
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP115854

Intercept: 0.0011

Slope: 0.7618

Regression: 0.999961

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	7.42	1.61	0.000	0.000	0.000	-0.00		12/04/2025	12:10
2	CAL2	0.01	1	100	100	7.47	1.79	0.000	0.009	0.009	0.010	0	12/04/2025	12:10
3	CAL3	0.025	1	100	100	7.43	1.84	0.000	0.020	0.020	0.024	-4	12/04/2025	12:11
4	CAL4	0.05	1	100	100	7.51	1.82	0.000	0.040	0.040	0.051	2	12/04/2025	12:11
5	CAL5	0.1	1	100	100	7.40	1.88	0.000	0.080	0.080	0.103	3	12/04/2025	12:12
6	CAL6	0.5	1	100	100	7.47	1.95	0.000	0.377	0.377	0.493	-1.4	12/04/2025	12:12
7	CAL7	1	1	100	100	7.42	1.90	0.000	0.765	0.765	1.002	0.2	12/04/2025	12:13

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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	1.97	0.000	0.362	0.362	0.474	12/04/2025	12:13
2	ICB		1	100	100	7.39	1.99	0.000	0.000	0.000	-0.001	12/04/2025	12:14
3	CCV1	0.5	1	100	100	7.45	1.94	0.000	0.365	0.365	0.478	12/04/2025	12:14
4	CCB1		1	100	100	7.40	1.90	0.000	0.001	0.001	0.000	12/04/2025	12:15
5	RL Check	0.01	1	100	100	7.52	1.93	0.000	0.010	0.010	0.012	12/04/2025	12:15
6	PB170810BL		1	2.50	100	7.50	1.86	0.000	0.000	0.000	-0.001	12/04/2025	12:16
7	PB170810BS	20	1	2.50	100	7.49	1.91	0.000	0.363	0.363	0.475	12/04/2025	12:16
8	Q3767-01		1	2.57	100	7.36	1.92	0.000	0.000	0.000	-0.001	12/04/2025	12:17
9	Q3767-01DU		1	2.57	100	7.40	1.94	0.000	0.000	0.000	-0.001	12/04/2025	12:17
10	Q3767-01MS	40	2	2.58	100	7.37	1.90	0.000	0.319	0.319	0.417	12/04/2025	12:18
11	Q3767-01MS	1284	40	2.55	100	7.39	1.92	0.000	0.594	0.594	0.778	12/04/2025	12:18
12	Q3767-01MS	40	2	2.56	100	7.36	1.95	0.000	0.341	0.341	0.446	12/04/2025	12:19
13	Q3768-01		1	2.52	100	7.60	1.99	0.000	0.006	0.006	0.006	12/04/2025	12:19
14	CCV2	0.5	1	100	100	7.55	2.03	0.000	0.360	0.360	0.471	12/04/2025	12:20
15	CCB2		1	100	100	7.30	2.00	0.000	0.001	0.001	0.000	12/04/2025	12:20