

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138220

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP116123
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP115854

Intercept: 0.0009

Slope: 0.7635

Regression: 0.999978

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	7.40	1.79	0.000	0.000	0.000	-0.00		12/15/2025	12:10
2	CAL2	0.01	1	100	100	7.47	1.88	0.000	0.008	0.008	0.009	-10	12/15/2025	12:10
3	CAL3	0.025	1	100	100	7.42	1.92	0.000	0.021	0.021	0.026	4	12/15/2025	12:11
4	CAL4	0.05	1	100	100	7.50	1.88	0.000	0.040	0.040	0.051	2	12/15/2025	12:11
5	CAL5	0.1	1	100	100	7.42	1.99	0.000	0.079	0.079	0.102	2	12/15/2025	12:12
6	CAL6	0.5	1	100	100	7.45	2.06	0.000	0.379	0.379	0.495	-1	12/15/2025	12:12
7	CAL7	1	1	100	100	7.52	2.01	0.000	0.766	0.766	1.002	0.2	12/15/2025	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	7.50	1.97	0.000	0.359	0.359	0.469	12/15/2025	12:13
2	ICB		1	100	100	7.45	1.90	0.000	0.001	0.001	0.000	12/15/2025	12:14
3	CCV1	0.5	1	100	100	7.44	2.00	0.000	0.362	0.362	0.473	12/15/2025	12:14
4	CCB1		1	100	100	7.43	2.01	0.000	0.000	0.000	-0.001	12/15/2025	12:15
5	RL Check	0.01	1	100	100	7.44	2.06	0.000	0.008	0.008	0.009	12/15/2025	12:15
6	PB170934BL		1	2.50	100	7.42	1.95	0.000	0.001	0.001	0.000	12/15/2025	12:16
7	PB170934BS	20	1	2.50	100	7.49	1.98	0.000	0.359	0.359	0.469	12/15/2025	12:16
8	Q3853-01		1	2.52	100	7.49	1.90	0.001	0.004	0.003	0.003	12/15/2025	12:17
9	Q3854-01		1	2.57	100	7.55	1.97	0.020	0.020	0.000	-0.001	12/15/2025	12:17
10	Q3855-01		1	2.55	100	7.42	2.10	0.000	0.001	0.001	0.000	12/15/2025	12:18
11	Q3859-01		1	2.52	100	7.56	2.06	0.010	0.014	0.004	0.004	12/15/2025	12:18
12	Q3861-01		1	2.53	100	7.54	2.01	0.000	0.001	0.001	0.000	12/15/2025	12:19
13	Q3861-01DU		1	2.53	100	7.50	2.04	0.000	0.001	0.001	0.000	12/15/2025	12:19
14	Q3861-01MS	40	2	2.54	100	7.50	2.01	0.000	0.298	0.298	0.389	12/15/2025	12:20
15	Q3861-01MS	1284	40	2.53	100	7.52	2.04	0.000	0.592	0.592	0.774	12/15/2025	12:20
16	CCV2	0.5	1	100	100	7.53	2.02	0.000	0.359	0.359	0.469	12/15/2025	12:21
17	CCB2		1	100	100	7.50	2.10	0.000	0.001	0.001	0.000	12/15/2025	12:21
18	Q3861-01MS	40	2	2.55	100	7.59	2.11	0.000	0.332	0.332	0.434	12/15/2025	12:22
19	Q3862-01		1	2.55	100	7.59	2.10	0.008	0.012	0.004	0.004	12/15/2025	12:22
20	CCV3	0.5	1	100	100	7.49	2.00	0.001	0.360	0.359	0.469	12/15/2025	12:23
21	CCB3		1	100	100	7.54	1.94	0.000	0.000	0.000	-0.001	12/15/2025	12:23