

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138152

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP116010
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP115854

Intercept: 0

Slope: 0.765

Regression: 0.999945

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	7.32	2.06	0.000	0.000	0.000	0		12/08/2025	13:00
2	CAL2	0.01	1	100	100	7.40	2.09	0.000	0.008	0.008	0.010	0	12/08/2025	13:00
3	CAL3	0.025	1	100	100	7.36	2.03	0.000	0.020	0.020	0.026	4	12/08/2025	13:01
4	CAL4	0.05	1	100	100	7.39	2.06	0.000	0.039	0.039	0.050	0	12/08/2025	13:01
5	CAL5	0.1	1	100	100	7.44	2.10	0.000	0.078	0.078	0.101	1	12/08/2025	13:02
6	CAL6	0.5	1	100	100	7.45	2.02	0.000	0.376	0.376	0.491	-1.8	12/08/2025	13:02
7	CAL7	1	1	100	100	7.40	2.06	0.000	0.768	0.768	1.003	0.3	12/08/2025	13:03

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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	7.43	2.00	0.000	0.361	0.361	0.472	12/08/2025	13:03
2	ICB		1	100	100	7.37	2.07	0.000	0.000	0.000	0.000	12/08/2025	13:04
3	CCV1	0.5	1	100	100	7.47	2.12	0.000	0.366	0.366	0.478	12/08/2025	13:04
4	CCB1		1	100	100	7.44	2.08	0.000	0.001	0.001	0.001	12/08/2025	13:05
5	RL Check	0.01	1	100	100	7.40	2.00	0.000	0.009	0.009	0.012	12/08/2025	13:05
6	PB170848BL		1	2.50	100	7.49	2.04	0.000	0.000	0.000	0.000	12/08/2025	13:06
7	PB170848BS	20	1	2.50	100	7.52	2.02	0.000	0.366	0.366	0.478	12/08/2025	13:06
8	Q3779-01		1	2.55	100	7.42	2.00	0.000	0.000	0.000	0.000	12/08/2025	13:07
9	Q3781-01		1	2.53	100	7.51	2.07	0.000	0.001	0.001	0.001	12/08/2025	13:07
10	Q3795-01		1	2.55	100	7.49	2.03	0.002	0.002	0.000	0.000	12/08/2025	13:08
11	Q3795-05		1	2.55	100	7.36	2.19	0.004	0.005	0.001	0.001	12/08/2025	13:08
12	Q3801-01		1	2.57	100	7.40	2.14	0.004	0.004	0.000	0.000	12/08/2025	13:09
13	Q3801-06		1	2.51	100	7.55	2.10	0.014	0.017	0.003	0.004	12/08/2025	13:09
14	Q3806-01		1	2.54	100	7.51	2.06	0.000	0.000	0.000	0.000	12/08/2025	13:10
15	Q3806-04		1	2.54	100	7.57	2.11	0.000	0.000	0.000	0.000	12/08/2025	13:10
16	CCV2	0.5	1	100	100	7.49	2.01	0.000	0.362	0.362	0.473	12/08/2025	13:11
17	CCB2		1	100	100	7.41	2.04	0.000	0.001	0.001	0.001	12/08/2025	13:11
18	Q3806-04DU		1	2.52	100	7.55	2.08	0.000	0.000	0.000	0.000	12/08/2025	13:12
19	Q3806-04MS	40	2	2.53	100	7.52	2.10	0.000	0.331	0.331	0.433	12/08/2025	13:12
20	Q3806-04MS	1284	40	2.54	100	7.55	2.14	0.000	0.599	0.599	0.783	12/08/2025	13:13
21	Q3806-04MS	40	2	2.54	100	7.59	2.19	0.000	0.357	0.357	0.467	12/08/2025	13:13
22	CCV3	0.5	1	100	100	7.52	2.15	0.000	0.360	0.360	0.471	12/08/2025	13:14
23	CCB3		1	100	100	7.40	2.09	0.000	0.000	0.000	0.000	12/08/2025	13:14