

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134884

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112061
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0008

Slope: 0.7683

Regression: 0.999998

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	7.36	1.92	0.000	0.000	0.000	-0.00		03/04/2025	09:00
2	CAL2	0.01	1	100	100	7.42	1.90	0.000	0.008	0.008	0.009	-10	03/04/2025	09:01
3	CAL3	0.025	1	100	100	7.42	1.97	0.000	0.021	0.021	0.026	4	03/04/2025	09:02
4	CAL4	0.05	1	100	100	7.47	1.91	0.000	0.039	0.039	0.049	-2	03/04/2025	09:03
5	CAL5	0.1	1	100	100	7.42	1.99	0.000	0.078	0.078	0.100	0	03/04/2025	09:04
6	CAL6	0.5	1	100	100	7.49	1.90	0.000	0.385	0.385	0.500	0	03/04/2025	09:05
7	CAL7	1	1	100	100	7.45	2.00	0.000	0.769	0.769	0.999	-0.1	03/04/2025	09:06

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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	7.40	1.88	0.000	0.382	0.382	0.496	03/04/2025	09:07
2	ICB		1	100	100	7.30	1.86	0.000	0.001	0.001	0.000	03/04/2025	09:08
3	CCV1	0.5	1	100	100	7.45	1.95	0.000	0.384	0.384	0.499	03/04/2025	09:09
4	CCB1		1	100	100	7.29	1.83	0.000	0.001	0.001	0.000	03/04/2025	09:10
5	RL Check	0.01	1	100	100	7.45	1.96	0.000	0.010	0.010	0.012	03/04/2025	09:11
6	PB166960BL		1	2.50	100	7.32	1.77	0.000	0.001	0.001	0.000	03/04/2025	09:12
7	PB166960BS	20	1	2.50	100	7.42	1.99	0.000	0.385	0.385	0.500	03/04/2025	09:13
8	Q1458-01		1	2.55	100	7.57	2.13	0.004	0.004	0.000	-0.001	03/04/2025	09:14
9	Q1458-01DU		1	2.54	100	7.52	2.17	0.004	0.004	0.000	-0.001	03/04/2025	09:15
10	Q1458-01MS	40	2	2.54	100	7.55	2.10	0.000	0.330	0.330	0.428	03/04/2025	09:16
11	Q1458-01MS	1284	40	2.55	100	7.52	2.10	0.000	0.601	0.601	0.781	03/04/2025	09:17
12	Q1458-01MS	40	2	2.55	100	7.60	2.19	0.000	0.371	0.371	0.482	03/04/2025	09:18
13	Q1475-01		1	2.51	100	7.57	2.06	0.006	0.007	0.001	0.000	03/04/2025	09:19
14	CCV2	0.5	1	100	100	7.40	1.92	0.000	0.383	0.383	0.497	03/04/2025	09:20
15	CCB2		1	100	100	7.38	1.88	0.000	0.000	0.000	-0.001	03/04/2025	09:21