

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134292

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111409
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0009

Slope: 0.7666

Regression: 0.999996

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	7.25	1.79	0.000	0.000	0.000	-0.00		01/15/2025	12:00
2	CAL2	0.01	1	100	100	7.39	1.86	0.000	0.009	0.009	0.010	0	01/15/2025	12:01
3	CAL3	0.025	1	100	100	7.35	1.90	0.000	0.021	0.021	0.026	4	01/15/2025	12:02
4	CAL4	0.05	1	100	100	7.38	1.91	0.000	0.039	0.039	0.049	-2	01/15/2025	12:03
5	CAL5	0.1	1	100	100	7.35	1.88	0.000	0.078	0.078	0.100	0	01/15/2025	12:04
6	CAL6	0.5	1	100	100	7.40	1.86	0.000	0.383	0.383	0.498	-0.4	01/15/2025	12:05
7	CAL7	1	1	100	100	7.39	1.86	0.000	0.768	0.768	1.000	0	01/15/2025	12:06

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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	7.41	1.91	0.000	0.385	0.385	0.501	01/15/2025	12:07
2	ICB		1	100	100	7.26	1.77	0.000	0.001	0.001	0.000	01/15/2025	12:08
3	CCV1	0.5	1	100	100	7.44	1.92	0.000	0.383	0.383	0.498	01/15/2025	12:09
4	CCB1		1	100	100	7.29	1.78	0.000	0.000	0.000	-0.001	01/15/2025	12:10
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.010	0.010	0.012	01/15/2025	12:11
6	PB166060BL		1	2.50	100	7.24	1.74	0.000	0.001	0.001	0.000	01/15/2025	12:12
7	PB166060BS	20	1	2.50	100	7.47	1.94	0.000	0.386	0.386	0.502	01/15/2025	12:13
8	Q1074-01		1	2.55	100	7.55	2.10	0.004	0.005	0.001	0.000	01/15/2025	12:14
9	Q1074-01DU		1	2.55	100	7.57	2.14	0.004	0.005	0.001	0.000	01/15/2025	12:15
10	Q1074-01MS	40	2	2.54	100	7.52	2.09	0.000	0.306	0.306	0.398	01/15/2025	12:16
11	Q1074-01MS	1284	40	2.55	100	7.56	2.10	0.000	0.602	0.602	0.784	01/15/2025	12:17
12	Q1074-01MS	40	2	2.54	100	7.60	2.16	0.000	0.371	0.371	0.483	01/15/2025	12:18
13	Q1076-01		1	2.57	100	7.60	2.18	0.009	0.009	0.000	-0.001	01/15/2025	12:19
14	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.386	0.386	0.502	01/15/2025	12:20
15	CCB2		1	100	100	7.28	1.79	0.000	0.000	0.000	-0.001	01/15/2025	12:21