

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134687

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111872
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0015

Slope: 0.7646

Regression: 0.999991

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	7.33	1.77	0.000	0.000	0.000	-0.00		02/12/2025	14:55
2	CAL2	0.01	1	100	100	7.42	1.85	0.000	0.009	0.009	0.009	-10	02/12/2025	14:56
3	CAL3	0.025	1	100	100	7.40	1.91	0.000	0.021	0.021	0.025	0	02/12/2025	14:57
4	CAL4	0.05	1	100	100	7.37	1.88	0.000	0.040	0.040	0.050	0	02/12/2025	14:58
5	CAL5	0.1	1	100	100	7.39	1.89	0.000	0.078	0.078	0.100	0	02/12/2025	14:59
6	CAL6	0.5	1	100	100	7.37	1.90	0.000	0.386	0.386	0.502	0.4	02/12/2025	15:00
7	CAL7	1	1	100	100	7.40	1.86	0.000	0.765	0.765	0.998	-0.2	02/12/2025	15:01

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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	7.45	1.94	0.000	0.384	0.384	0.500	02/12/2025	15:02
2	ICB		1	100	100	7.30	1.81	0.000	0.000	0.000	-0.002	02/12/2025	15:03
3	CCV1	0.5	1	100	100	7.47	1.96	0.000	0.383	0.383	0.499	02/12/2025	15:04
4	CCB1		1	100	100	7.28	1.79	0.000	0.001	0.001	-0.001	02/12/2025	15:05
5	RL Check	0.01	1	100	100	7.40	1.92	0.000	0.010	0.010	0.011	02/12/2025	15:06
6	PB166685BL		1	2.50	100	7.27	1.83	0.000	0.001	0.001	-0.001	02/12/2025	15:07
7	PB166685BS	20	1	2.50	100	7.47	1.95	0.000	0.384	0.384	0.500	02/12/2025	15:08
8	Q1346-01		1	2.57	100	7.60	2.17	0.003	0.017	0.014	0.016	02/12/2025	15:09
9	Q1353-01		1	2.55	100	7.67	2.20	0.012	0.012	0.000	-0.002	02/12/2025	15:10
10	Q1354-01		1	2.53	100	7.60	2.13	0.003	0.004	0.001	-0.001	02/12/2025	15:11
11	Q1354-01DU		1	2.53	100	7.59	2.14	0.003	0.003	0.000	-0.002	02/12/2025	15:12
12	Q1354-01MS	40	2	2.54	100	7.57	2.10	0.000	0.298	0.298	0.388	02/12/2025	15:13
13	Q1354-01MS	1284	40	2.53	100	7.58	2.12	0.000	0.601	0.601	0.784	02/12/2025	15:14
14	Q1354-01MS	40	2	2.54	100	7.64	2.17	0.000	0.361	0.361	0.470	02/12/2025	15:15
15	CCV2	0.5	1	100	100	7.44	1.97	0.000	0.386	0.386	0.503	02/12/2025	15:16
16	CCB2		1	100	100	7.25	1.79	0.000	0.001	0.001	-0.001	02/12/2025	15:17