

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136541

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113966
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.001

Slope: 0.7673

Regression: 0.99998

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	1.69	0.000	0.000	0.000	-0.00		07/18/2025	12:00
2	CAL2	0.01	1	100	100	7.52	1.99	0.000	0.009	0.009	0.010	0	07/18/2025	12:01
3	CAL3	0.025	1	100	100	7.39	1.85	0.000	0.021	0.021	0.026	4	07/18/2025	12:02
4	CAL4	0.05	1	100	100	7.44	2.01	0.000	0.040	0.040	0.050	0	07/18/2025	12:03
5	CAL5	0.1	1	100	100	7.41	1.92	0.000	0.079	0.079	0.101	1	07/18/2025	12:04
6	CAL6	0.5	1	100	100	7.49	1.88	0.000	0.381	0.381	0.495	-1	07/18/2025	12:05
7	CAL7	1	1	100	100	7.41	1.99	0.000	0.770	0.770	1.002	0.2	07/18/2025	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	7.45	2.03	0.000	0.383	0.383	0.498	07/18/2025	12:07
2	ICB		1	100	100	7.30	1.94	0.000	0.001	0.001	0.000	07/18/2025	12:08
3	CCV1	0.5	1	100	100	7.36	2.00	0.000	0.378	0.378	0.491	07/18/2025	12:09
4	CCB1		1	100	100	7.46	1.64	0.000	0.000	0.000	-0.001	07/18/2025	12:10
5	RL Check	0.01	1	100	100	7.52	1.82	0.000	0.010	0.010	0.012	07/18/2025	12:11
6	PB168912BL		1	2.50	100	7.48	1.88	0.000	0.001	0.001	0.000	07/18/2025	12:12
7	PB168912BS	20	1	2.50	100	7.52	1.98	0.000	0.381	0.381	0.495	07/18/2025	12:13
8	Q2621-01		1	2.55	100	7.57	2.10	0.000	0.001	0.001	0.000	07/18/2025	12:14
9	Q2621-01DU		1	2.54	100	7.60	2.16	0.000	0.001	0.001	0.000	07/18/2025	12:15
10	Q2621-01MS	40	2	2.55	100	7.60	2.08	0.000	0.316	0.316	0.411	07/18/2025	12:16
11	Q2621-01MS	1284	40	2.52	100	7.53	2.14	0.000	0.600	0.600	0.781	07/18/2025	12:17
12	Q2621-01MS	40	2	2.57	100	7.66	2.22	0.000	0.361	0.361	0.469	07/18/2025	12:18
13	Q2635-01		1	2.52	100	7.36	1.90	0.004	0.005	0.001	0.000	07/18/2025	12:19
14	CCV2	0.5	1	100	100	7.24	1.82	0.000	0.379	0.379	0.493	07/18/2025	12:20
15	CCB2		1	100	100	7.51	1.74	0.000	0.000	0.000	-0.001	07/18/2025	12:21