

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137512

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115123
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0009

Slope: 0.7642

Regression: 0.999977

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	7.40	1.80	0.000	0.000	0.000	-0.00		10/13/2025	15:30
2	CAL2	0.01	1	100	100	7.48	1.84	0.000	0.009	0.009	0.010	0	10/13/2025	15:31
3	CAL3	0.025	1	100	100	7.52	1.87	0.000	0.021	0.021	0.026	4	10/13/2025	15:32
4	CAL4	0.05	1	100	100	7.55	1.90	0.000	0.040	0.040	0.051	2	10/13/2025	15:33
5	CAL5	0.1	1	100	100	7.41	1.88	0.000	0.078	0.078	0.100	0	10/13/2025	15:34
6	CAL6	0.5	1	100	100	7.44	1.85	0.000	0.379	0.379	0.494	-1.2	10/13/2025	15:35
7	CAL7	1	1	100	100	7.50	1.92	0.000	0.767	0.767	1.002	0.2	10/13/2025	15:36

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Run Number: LB137512

pH Meter ID: WC pH Meter-1

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	7.52	1.88	0.000	0.376	0.376	0.491	10/13/2025	15:37
2	ICB		1	100	100	7.41	1.92	0.000	0.001	0.001	0.000	10/13/2025	15:38
3	CCV1	0.5	1	100	100	7.47	1.94	0.000	0.376	0.376	0.491	10/13/2025	15:39
4	CCB1		1	100	100	7.46	1.98	0.000	0.001	0.001	0.000	10/13/2025	15:40
5	RL Check	0.01	1	100	100	7.42	2.00	0.000	0.010	0.010	0.012	10/13/2025	15:41
6	PB170071BL		1	2.50	100	7.52	2.04	0.000	0.001	0.001	0.000	10/13/2025	15:42
7	PB170071BS	20	1	2.50	100	7.44	1.98	0.000	0.379	0.379	0.495	10/13/2025	15:43
8	Q3322-01		1	2.52	100	7.42	1.88	0.004	0.005	0.001	0.000	10/13/2025	15:44
9	Q3326-01		1	2.54	100	7.52	2.10	0.000	0.001	0.001	0.000	10/13/2025	15:45
10	Q3326-05		1	2.58	100	7.41	2.01	0.000	0.000	0.000	-0.001	10/13/2025	15:46
11	Q3327-01		1	2.55	100	7.55	1.94	0.000	0.000	0.000	-0.001	10/13/2025	15:47
12	Q3327-01DU		1	2.54	100	7.52	1.97	0.000	0.000	0.000	-0.001	10/13/2025	15:48
13	Q3327-01MS	40	2	2.54	100	7.50	1.94	0.000	0.322	0.322	0.420	10/13/2025	15:49
14	Q3327-01MS	1284	40	2.53	100	7.52	1.95	0.000	0.595	0.595	0.777	10/13/2025	15:50
15	Q3327-01MS	40	2	2.55	100	7.57	2.01	0.000	0.361	0.361	0.471	10/13/2025	15:51
16	CCV2	0.5	1	100	100	7.55	2.06	0.000	0.375	0.375	0.490	10/13/2025	15:52
17	CCB2		1	100	100	7.49	1.72	0.000	0.000	0.000	-0.001	10/13/2025	15:53