

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136132

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113508
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0003

Slope: 0.7662

Regression: 0.999962

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	7.30	1.70	0.000	0.000	0.000	-0.00		06/12/2025	16:00
2	CAL2	0.01	1	100	100	7.36	1.90	0.000	0.009	0.009	0.011	10	06/12/2025	16:00
3	CAL3	0.025	1	100	100	7.40	1.84	0.000	0.020	0.020	0.025	0	06/12/2025	16:01
4	CAL4	0.05	1	100	100	7.40	1.89	0.000	0.039	0.039	0.050	0	06/12/2025	16:01
5	CAL5	0.1	1	100	100	7.39	1.88	0.000	0.078	0.078	0.101	1	06/12/2025	16:02
6	CAL6	0.5	1	100	100	7.43	1.88	0.000	0.378	0.378	0.492	-1.6	06/12/2025	16:02
7	CAL7	1	1	100	100	7.36	1.92	0.000	0.769	0.769	1.003	0.3	06/12/2025	16:03

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Run Number: LB136132

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	7.40	1.90	0.000	0.381	0.381	0.497	06/12/2025	16:03
2	ICB		1	100	100	7.23	1.81	0.000	0.001	0.001	0.001	06/12/2025	16:04
3	CCV1	0.5	1	100	100	7.46	1.96	0.000	0.383	0.383	0.499	06/12/2025	16:04
4	CCB1		1	100	100	7.34	1.88	0.000	0.001	0.001	0.001	06/12/2025	16:05
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.010	0.010	0.013	06/12/2025	16:05
6	PB168401BL		1	2.50	100	7.36	1.82	0.000	0.000	0.000	0.000	06/12/2025	16:06
7	PB168401BS	20	1	2.50	100	7.50	1.90	0.000	0.383	0.383	0.499	06/12/2025	16:06
8	Q2273-01		1	2.56	100	7.49	2.02	0.000	0.001	0.001	0.001	06/12/2025	16:07
9	Q2273-01DU		1	2.56	100	7.52	2.05	0.000	0.001	0.001	0.001	06/12/2025	16:07
10	Q2273-01MS	40	2	2.56	100	7.52	2.02	0.000	0.339	0.339	0.442	06/12/2025	16:08
11	Q2273-01MS	1284	40	2.57	100	7.53	2.03	0.000	0.601	0.601	0.784	06/12/2025	16:08
12	Q2273-01MS	40	2	2.57	100	7.56	2.01	0.000	0.370	0.370	0.483	06/12/2025	16:09
13	Q2273-05		1	2.51	100	7.52	2.10	0.000	0.001	0.001	0.001	06/12/2025	16:09
14	Q2278-01		1	2.57	100	7.61	2.18	0.009	0.011	0.002	0.002	06/12/2025	16:10
15	Q2280-01		1	2.54	100	7.42	2.06	0.020	0.021	0.001	0.001	06/12/2025	16:10
16	CCV2	0.5	1	100	100	7.36	1.90	0.000	0.379	0.379	0.494	06/12/2025	16:11
17	CCB2		1	100	100	7.40	1.83	0.000	0.001	0.001	0.001	06/12/2025	16:11
18	Q2280-03		1	2.52	100	7.56	1.88	0.022	0.022	0.000	0.000	06/12/2025	16:12
19	Q2287-01		1	2.55	100	7.50	1.92	0.001	0.005	0.004	0.005	06/12/2025	16:12
20	Q2295-01		1	2.56	100	7.36	2.06	0.003	0.004	0.001	0.001	06/12/2025	16:13
21	Q2295-05		1	2.52	100	7.42	2.18	0.004	0.008	0.004	0.005	06/12/2025	16:13
22	Q2296-01		1	2.55	100	7.68	2.25	0.022	0.022	0.000	0.000	06/12/2025	16:14
23	Q2296-05		1	2.58	100	7.60	2.29	0.020	0.021	0.001	0.001	06/12/2025	16:14
24	Q2296-09		1	2.54	100	7.45	2.06	0.014	0.015	0.001	0.001	06/12/2025	16:15
25	Q2296-13		1	2.53	100	7.52	2.10	0.005	0.006	0.001	0.001	06/12/2025	16:15
26	Q2296-17		1	2.51	100	7.60	2.06	0.007	0.011	0.004	0.005	06/12/2025	16:16
27	Q2296-21		1	2.55	100	7.60	1.88	0.004	0.004	0.000	0.000	06/12/2025	16:16
28	CCV3	0.5	1	100	100	7.42	1.85	0.000	0.381	0.381	0.497	06/12/2025	16:17
29	CCB3		1	100	100	7.34	1.93	0.000	0.000	0.000	0.000	06/12/2025	16:17
30	Q2297-01		1	2.52	100	7.59	2.03	0.010	0.011	0.001	0.001	06/12/2025	16:18
31	CCV4	0.5	1	100	100	7.49	1.88	0.000	0.380	0.380	0.496	06/12/2025	16:18
32	CCB4		1	100	100	7.36	1.75	0.000	0.001	0.001	0.001	06/12/2025	16:19