

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135106

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112371
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0004

Slope: 0.7669

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	7.28	1.92	0.000	0.000	0.000	-0.00		03/20/2025	13:00
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.007	0.007	0.008	-20	03/20/2025	13:01
3	CAL3	0.025	1	100	100	7.30	1.88	0.000	0.021	0.021	0.026	4	03/20/2025	13:02
4	CAL4	0.05	1	100	100	7.39	2.06	0.000	0.040	0.040	0.051	2	03/20/2025	13:03
5	CAL5	0.1	1	100	100	7.42	1.92	0.000	0.078	0.078	0.101	1	03/20/2025	13:04
6	CAL6	0.5	1	100	100	7.48	1.85	0.000	0.380	0.380	0.494	-1.2	03/20/2025	13:05
7	CAL7	1	1	100	100	7.42	1.92	0.000	0.769	0.769	1.002	0.2	03/20/2025	13:06

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Run Number: LB135106

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	0.382	0.382	0.498	03/20/2025	13:07
2	ICB		1	100	100	7.36	1.95	0.000	0.001	0.001	0.001	03/20/2025	13:08
3	CCV1	0.5	1	100	100	7.52	1.99	0.000	0.378	0.378	0.492	03/20/2025	13:09
4	CCB1		1	100	100	7.33	1.79	0.000	0.001	0.001	0.001	03/20/2025	13:10
5	RL Check	0.01	1	100	100	7.42	1.89	0.000	0.009	0.009	0.011	03/20/2025	13:11
6	PB167216BL		1	2.50	100	7.25	1.80	0.000	0.000	0.000	-0.001	03/20/2025	13:12
7	PB167216BS	20	1	2.50	100	7.47	1.90	0.000	0.381	0.381	0.496	03/20/2025	13:13
8	Q1592-01		1	2.55	100	7.60	2.10	0.035	0.036	0.001	0.001	03/20/2025	13:14
9	Q1598-01		1	2.57	100	7.36	2.21	0.034	0.035	0.001	0.001	03/20/2025	13:15
10	Q1598-03		1	2.51	100	7.52	2.10	0.030	0.030	0.000	-0.001	03/20/2025	13:16
11	Q1603-01		1	2.57	100	7.36	2.03	0.004	0.008	0.004	0.005	03/20/2025	13:17
12	Q1605-01		1	2.54	100	7.58	2.29	0.006	0.007	0.001	0.001	03/20/2025	13:18
13	Q1606-01		1	2.55	100	7.55	1.90	0.003	0.004	0.001	0.001	03/20/2025	13:19
14	Q1606-01DU		1	2.54	100	7.52	2.01	0.003	0.004	0.001	0.001	03/20/2025	13:20
15	Q1606-01MS	40	2	2.54	100	7.59	2.06	0.000	0.336	0.336	0.438	03/20/2025	13:21
16	CCV2	0.5	1	100	100	7.36	2.06	0.000	0.375	0.375	0.488	03/20/2025	13:22
17	CCB2		1	100	100	7.42	1.88	0.000	0.001	0.001	0.001	03/20/2025	13:23
18	Q1606-01MS	1284	40	2.54	100	7.60	1.99	0.000	0.601	0.601	0.783	03/20/2025	13:24
19	Q1606-01MS	40	2	2.55	100	7.55	1.95	0.000	0.378	0.378	0.492	03/20/2025	13:25
20	Q1606-03		1	2.52	100	7.60	2.10	0.004	0.004	0.000	-0.001	03/20/2025	13:26
21	Q1606-05		1	2.56	100	7.66	2.09	0.003	0.003	0.000	-0.001	03/20/2025	13:27
22	Q1606-07		1	2.51	100	7.60	2.19	0.006	0.007	0.001	0.001	03/20/2025	13:28
23	Q1606-09		1	2.56	100	7.52	2.30	0.006	0.007	0.001	0.001	03/20/2025	13:29
24	Q1607-01		1	2.52	100	7.61	2.06	0.002	0.003	0.001	0.001	03/20/2025	13:30
25	CCV3	0.5	1	100	100	7.52	2.02	0.000	0.380	0.380	0.495	03/20/2025	13:31
26	CCB3		1	100	100	7.49	1.77	0.000	0.001	0.001	0.001	03/20/2025	13:32