

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135491

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112767
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0001

Slope: 0.7632

Regression: 0.999955

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	7.36	1.96	0.000	0.000	0.000	-0.00		04/18/2025	12:00
2	CAL2	0.01	1	100	100	7.45	2.01	0.000	0.009	0.009	0.011	10	04/18/2025	12:01
3	CAL3	0.025	1	100	100	7.39	1.88	0.000	0.019	0.019	0.024	-4	04/18/2025	12:02
4	CAL4	0.05	1	100	100	7.49	1.90	0.000	0.039	0.039	0.050	0	04/18/2025	12:03
5	CAL5	0.1	1	100	100	7.51	2.00	0.000	0.078	0.078	0.102	2	04/18/2025	12:04
6	CAL6	0.5	1	100	100	7.40	1.92	0.000	0.376	0.376	0.492	-1.6	04/18/2025	12:05
7	CAL7	1	1	100	100	7.40	1.98	0.000	0.766	0.766	1.003	0.3	04/18/2025	12:06

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Run Number: LB135491

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	7.47	2.02	0.000	0.379	0.379	0.496	04/18/2025	12:07
2	ICB		1	100	100	7.25	1.88	0.000	0.000	0.000	0.000	04/18/2025	12:08
3	CCV1	0.5	1	100	100	7.37	1.86	0.000	0.374	0.374	0.490	04/18/2025	12:09
4	CCB1		1	100	100	7.34	1.81	0.000	0.001	0.001	0.001	04/18/2025	12:10
5	RL Check	0.01	1	100	100	7.46	1.89	0.000	0.009	0.009	0.012	04/18/2025	12:11
6	PB167641BL		1	2.50	100	7.30	1.94	0.000	0.000	0.000	0.000	04/18/2025	12:12
7	PB167641BS	20	1	2.50	100	7.48	2.01	0.000	0.380	0.380	0.498	04/18/2025	12:13
8	Q1808-01		1	2.57	100	7.42	2.21	0.009	0.010	0.001	0.001	04/18/2025	12:14
9	Q1808-03		1	2.51	100	7.52	2.10	0.021	0.021	0.000	0.000	04/18/2025	12:15
10	Q1821-01		1	2.51	100	7.52	1.90	0.000	0.000	0.000	0.000	04/18/2025	12:16
11	Q1821-01DU		1	2.51	100	7.58	1.94	0.000	0.000	0.000	0.000	04/18/2025	12:17
12	Q1821-01MS	40	2	2.51	100	7.57	1.98	0.000	0.330	0.330	0.432	04/18/2025	12:18
13	Q1821-01MS	1284	40	2.52	100	7.56	1.93	0.000	0.606	0.606	0.794	04/18/2025	12:19
14	Q1821-01MS	40	2	2.52	100	7.62	2.04	0.000	0.379	0.379	0.496	04/18/2025	12:20
15	Q1825-01		1	2.54	100	7.60	2.10	0.002	0.002	0.000	0.000	04/18/2025	12:21
16	CCV2	0.5	1	100	100	7.52	1.90	0.000	0.377	0.377	0.494	04/18/2025	12:22
17	CCB2		1	100	100	7.36	1.80	0.000	0.000	0.000	0.000	04/18/2025	12:23
18	Q1825-04		1	2.56	100	7.71	2.10	0.005	0.006	0.001	0.001	04/18/2025	12:24
19	Q1825-07		1	2.57	100	7.68	2.29	0.020	0.020	0.000	0.000	04/18/2025	12:25
20	Q1826-01		1	2.52	100	7.40	2.34	0.009	0.015	0.006	0.008	04/18/2025	12:26
21	Q1826-03		1	2.56	100	7.36	2.26	0.002	0.019	0.017	0.022	04/18/2025	12:27
22	Q1826-05		1	2.54	100	7.59	2.20	0.007	0.013	0.006	0.008	04/18/2025	12:28
23	Q1828-01		1	2.56	100	7.52	2.06	0.010	0.011	0.001	0.001	04/18/2025	12:29
24	Q1828-03		1	2.52	100	7.57	2.10	0.010	0.010	0.000	0.000	04/18/2025	12:30
25	Q1832-01		1	2.53	100	7.36	2.06	0.017	0.018	0.001	0.001	04/18/2025	12:31
26	Q1832-07		1	2.56	100	7.66	2.34	0.012	0.012	0.000	0.000	04/18/2025	12:32
27	Q1832-13		1	2.52	100	7.76	2.10	0.030	0.031	0.001	0.001	04/18/2025	12:33
28	CCV3	0.5	1	100	100	7.40	1.85	0.000	0.381	0.381	0.499	04/18/2025	12:34
29	CCB3		1	100	100	7.24	1.77	0.000	0.000	0.000	0.000	04/18/2025	12:35
30	Q1832-19		1	2.57	100	7.62	2.10	0.010	0.011	0.001	0.001	04/18/2025	12:36
31	Q1832-25		1	2.51	100	7.69	2.21	0.010	0.010	0.000	0.000	04/18/2025	12:37
32	Q1832-31		1	2.58	100	7.65	2.18	0.012	0.012	0.000	0.000	04/18/2025	12:38
33	Q1832-37		1	2.51	100	7.60	2.14	0.019	0.020	0.001	0.001	04/18/2025	12:39
34	CCV4	0.5	1	100	100	7.49	1.99	0.000	0.375	0.375	0.491	04/18/2025	12:40
35	CCB4		1	100	100	7.40	1.86	0.000	0.001	0.001	0.001	04/18/2025	12:41