

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135578

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112869
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0005

Slope: 0.7665

Regression: 0.999957

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	1.84	0.000	0.000	0.000	-0.00		04/28/2025	12:00
2	CAL2	0.01	1	100	100	7.42	1.90	0.000	0.009	0.009	0.011	10	04/28/2025	12:01
3	CAL3	0.025	1	100	100	7.36	1.94	0.000	0.019	0.019	0.024	-4	04/28/2025	12:02
4	CAL4	0.05	1	100	100	7.38	1.85	0.000	0.038	0.038	0.048	-4	04/28/2025	12:03
5	CAL5	0.1	1	100	100	7.47	1.89	0.000	0.081	0.081	0.105	5	04/28/2025	12:04
6	CAL6	0.5	1	100	100	7.44	1.97	0.000	0.379	0.379	0.493	-1.4	04/28/2025	12:05
7	CAL7	1	1	100	100	7.35	1.88	0.000	0.769	0.769	1.002	0.2	04/28/2025	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	7.48	1.88	0.000	0.382	0.382	0.498	04/28/2025	12:07
2	ICB		1	100	100	7.23	1.79	0.000	0.001	0.001	0.001	04/28/2025	12:08
3	CCV1	0.5	1	100	100	7.40	1.90	0.000	0.376	0.376	0.490	04/28/2025	12:09
4	CCB1		1	100	100	7.31	1.84	0.000	0.001	0.001	0.001	04/28/2025	12:10
5	RL Check	0.01	1	100	100	7.43	1.95	0.000	0.010	0.010	0.012	04/28/2025	12:11
6	PB167730BL		1	2.50	100	7.33	1.75	0.000	0.000	0.000	-0.001	04/28/2025	12:12
7	PB167730BS	20	1	2.50	100	7.45	1.99	0.000	0.383	0.383	0.499	04/28/2025	12:13
8	Q1867-01		1	2.55	100	7.60	2.06	0.004	0.004	0.000	-0.001	04/28/2025	12:14
9	Q1867-03		1	2.57	100	7.36	1.88	0.014	0.015	0.001	0.001	04/28/2025	12:15
10	Q1869-01		1	2.52	100	7.62	2.06	0.016	0.016	0.000	-0.001	04/28/2025	12:16
11	Q1871-01		1	2.53	100	7.54	2.20	0.001	0.001	0.000	-0.001	04/28/2025	12:17
12	Q1871-05		1	2.57	100	7.56	2.11	0.010	0.013	0.003	0.003	04/28/2025	12:18
13	Q1874-01		1	2.54	100	7.67	2.19	0.014	0.015	0.001	0.001	04/28/2025	12:19
14	Q1874-03		1	2.54	100	7.59	2.06	0.006	0.011	0.005	0.006	04/28/2025	12:20
15	Q1874-05		1	2.57	100	7.52	1.99	0.004	0.014	0.010	0.012	04/28/2025	12:21
16	CCV2	0.5	1	100	100	7.49	1.92	0.000	0.376	0.376	0.490	04/28/2025	12:22
17	CCB2		1	100	100	7.27	1.86	0.000	0.000	0.000	-0.001	04/28/2025	12:23
18	Q1875-01		1	2.55	100	7.50	2.10	0.010	0.010	0.000	-0.001	04/28/2025	12:24
19	Q1878-01		1	2.53	100	7.51	2.04	0.003	0.004	0.001	0.001	04/28/2025	12:25
20	Q1878-01DU		1	2.53	100	7.55	2.10	0.003	0.004	0.001	0.001	04/28/2025	12:26
21	Q1878-01MS	40	2	2.52	100	7.52	2.10	0.000	0.312	0.312	0.406	04/28/2025	12:27
22	Q1878-01MS	1284	40	2.52	100	7.58	2.06	0.000	0.608	0.608	0.793	04/28/2025	12:28
23	Q1878-01MS	40	2	2.53	100	7.60	2.17	0.000	0.371	0.371	0.483	04/28/2025	12:29
24	Q1889-01		1	2.52	100	7.69	2.21	0.015	0.016	0.001	0.001	04/28/2025	12:30
25	Q1889-02		1	2.57	100	7.42	2.27	0.009	0.012	0.003	0.003	04/28/2025	12:31
26	Q1889-03		1	2.54	100	7.53	2.01	0.005	0.008	0.003	0.003	04/28/2025	12:32
27	Q1891-01		1	2.55	100	7.57	2.10	0.000	0.000	0.000	-0.001	04/28/2025	12:33
28	CCV3	0.5	1	100	100	7.51	2.02	0.000	0.385	0.385	0.502	04/28/2025	12:34
29	CCB3		1	100	100	7.34	1.88	0.000	0.001	0.001	0.001	04/28/2025	12:35
30	Q1891-05		1	2.51	100	7.70	2.13	0.010	0.010	0.000	-0.001	04/28/2025	12:36
31	Q1895-01		1	2.56	100	7.66	2.09	0.001	0.002	0.001	0.001	04/28/2025	12:37
32	Q1895-03		1	2.52	100	7.60	2.22	0.002	0.003	0.001	0.001	04/28/2025	12:38
33	Q1895-05		1	2.57	100	7.60	2.26	0.000	0.000	0.000	-0.001	04/28/2025	12:39
34	CCV4	0.5	1	100	100	7.41	1.94	0.000	0.383	0.383	0.499	04/28/2025	12:40
35	CCB4		1	100	100	7.39	1.76	0.000	0.001	0.001	0.001	04/28/2025	12:41