

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135738

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112959
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP111249

Intercept: -0.0003

Slope: 0.7669

Regression: 0.999933

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.27	1.75	0.000	0.000	0.000	0.000		05/12/2025	14:00
2	CAL2	0.01	1	100	100	7.38	1.87	0.000	0.009	0.009	0.012	20	05/12/2025	14:00
3	CAL3	0.025	1	100	100	7.36	1.94	0.000	0.019	0.019	0.025	0	05/12/2025	14:01
4	CAL4	0.05	1	100	100	7.42	1.99	0.000	0.038	0.038	0.049	-2	05/12/2025	14:01
5	CAL5	0.1	1	100	100	7.40	1.92	0.000	0.078	0.078	0.102	2	05/12/2025	14:02
6	CAL6	0.5	1	100	100	7.39	1.88	0.000	0.376	0.376	0.490	-2	05/12/2025	14:02
7	CAL7	1	1	100	100	7.52	1.86	0.000	0.770	0.770	1.004	0.4	05/12/2025	14:03

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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	7.50	2.00	0.000	0.379	0.379	0.495	05/12/2025	14:03
2	ICB		1	100	100	7.31	1.95	0.000	0.001	0.001	0.002	05/12/2025	14:04
3	CCV1	0.5	1	100	100	7.40	1.98	0.000	0.380	0.380	0.496	05/12/2025	14:04
4	CCB1		1	100	100	7.33	1.85	0.000	0.000	0.000	0.000	05/12/2025	14:05
5	RL Check	0.01	1	100	100	7.49	1.98	0.000	0.009	0.009	0.012	05/12/2025	14:05
6	PB167939BL		1	2.50	100	7.29	1.84	0.000	0.000	0.000	0.000	05/12/2025	14:06
7	PB167939BS	20	1	2.50	100	7.34	1.93	0.000	0.382	0.382	0.499	05/12/2025	14:06
8	Q1986-01		1	2.54	100	7.36	2.24	0.002	0.002	0.000	0.000	05/12/2025	14:07
9	Q1986-01DU		1	2.54	100	7.40	2.22	0.002	0.002	0.000	0.000	05/12/2025	14:07
10	Q1986-01MS	40	2	2.54	100	7.40	2.25	0.000	0.336	0.336	0.439	05/12/2025	14:08
11	Q1986-01MS	1284	40	2.53	100	7.47	2.29	0.000	0.604	0.604	0.788	05/12/2025	14:08
12	Q1986-01MS	40	2	2.54	100	7.45	2.25	0.000	0.379	0.379	0.495	05/12/2025	14:09
13	Q1986-03		1	2.52	100	7.52	2.22	0.000	0.000	0.000	0.000	05/12/2025	14:09
14	Q1986-05		1	2.51	100	7.55	2.10	0.001	0.001	0.000	0.000	05/12/2025	14:10
15	Q1986-07		1	2.57	100	7.61	2.19	0.001	0.001	0.000	0.000	05/12/2025	14:10
16	CCV2	0.5	1	100	100	7.49	1.92	0.000	0.381	0.381	0.497	05/12/2025	14:11
17	CCB2		1	100	100	7.38	1.80	0.000	0.001	0.001	0.002	05/12/2025	14:11
18	Q1986-09		1	2.51	100	7.64	2.10	0.001	0.001	0.000	0.000	05/12/2025	14:12
19	Q2002-01		1	2.55	100	7.57	2.13	0.002	0.002	0.000	0.000	05/12/2025	14:12
20	Q2004-01		1	2.51	100	7.51	1.90	0.005	0.005	0.000	0.000	05/12/2025	14:13
21	Q2004-03		1	2.56	100	7.52	1.97	0.004	0.008	0.004	0.006	05/12/2025	14:13
22	Q2004-05		1	2.54	100	7.67	2.02	0.004	0.004	0.000	0.000	05/12/2025	14:14
23	Q2004-07		1	2.56	100	7.40	2.06	0.002	0.006	0.004	0.006	05/12/2025	14:14
24	Q2004-09		1	2.52	100	7.52	2.10	0.006	0.011	0.005	0.007	05/12/2025	14:15
25	Q2004-11		1	2.53	100	7.59	1.88	0.002	0.002	0.000	0.000	05/12/2025	14:15
26	Q2007-01		1	2.53	100	7.68	2.33	0.004	0.004	0.000	0.000	05/12/2025	14:16
27	Q2007-07		1	2.56	100	7.60	2.06	0.020	0.020	0.000	0.000	05/12/2025	14:16
28	CCV3	0.5	1	100	100	7.36	1.88	0.000	0.379	0.379	0.495	05/12/2025	14:17
29	CCB3		1	100	100	7.24	1.74	0.000	0.000	0.000	0.000	05/12/2025	14:17
30	Q2007-13		1	2.56	100	7.52	2.13	0.010	0.010	0.000	0.000	05/12/2025	14:18
31	Q2007-19		1	2.52	100	7.36	2.04	0.001	0.001	0.000	0.000	05/12/2025	14:18
32	Q2007-25		1	2.57	100	7.56	2.29	0.005	0.005	0.000	0.000	05/12/2025	14:19
33	Q2007-31		1	2.58	100	7.50	2.27	0.000	0.000	0.000	0.000	05/12/2025	14:19
34	CCV4	0.5	1	100	100	7.42	1.90	0.000	0.380	0.380	0.496	05/12/2025	14:20
35	CCB4		1	100	100	7.32	1.79	0.000	0.001	0.001	0.002	05/12/2025	14:20