

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB135706

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: 0.0009

Slope: 0.7643

Regression: 0.999996

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	7.34	1.79	0.000	0.000	0.000	-0.00		05/08/2025	14:20
2	CAL2	0.01	1	100	100	7.49	1.90	0.000	0.008	0.008	0.009	-10	05/08/2025	14:20
3	CAL3	0.025	1	100	100	7.42	1.88	0.000	0.020	0.020	0.024	-4	05/08/2025	14:21
4	CAL4	0.05	1	100	100	7.36	1.97	0.000	0.039	0.039	0.049	-2	05/08/2025	14:21
5	CAL5	0.1	1	100	100	7.38	1.94	0.000	0.079	0.079	0.102	2	05/08/2025	14:22
6	CAL6	0.5	1	100	100	7.45	1.99	0.000	0.383	0.383	0.499	-0.2	05/08/2025	14:22
7	CAL7	1	1	100	100	7.40	2.00	0.000	0.765	0.765	0.999	-0.1	05/08/2025	14:23

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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	7.48	1.90	0.000	0.384	0.384	0.501	05/08/2025	14:23
2	ICB		1	100	100	7.28	1.82	0.000	0.000	0.000	-0.001	05/08/2025	14:24
3	CCV1	0.5	1	100	100	7.46	1.85	0.000	0.382	0.382	0.499	05/08/2025	14:24
4	CCB1		1	100	100	7.39	1.76	0.000	0.001	0.001	0.000	05/08/2025	14:25
5	RL Check	0.01	1	100	100	7.44	1.91	0.000	0.009	0.009	0.011	05/08/2025	14:25
6	PB167899BL		1	2.50	100	7.30	1.91	0.000	0.001	0.001	0.000	05/08/2025	14:26
7	PB167899BS	20	1	2.50	100	7.46	1.97	0.000	0.384	0.384	0.501	05/08/2025	14:26
8	Q1964-01		1	2.57	100	7.40	2.10	0.016	0.016	0.000	-0.001	05/08/2025	14:27
9	Q1968-01		1	2.51	100	7.49	2.06	0.001	0.001	0.000	-0.001	05/08/2025	14:27
10	Q1968-01DU		1	2.51	100	7.52	2.08	0.001	0.001	0.000	-0.001	05/08/2025	14:28
11	Q1968-01MS	40	2	2.52	100	7.52	2.04	0.000	0.322	0.322	0.420	05/08/2025	14:28
12	Q1968-01MS	1284	40	2.51	100	7.54	2.06	0.000	0.601	0.601	0.785	05/08/2025	14:29
13	Q1968-01MS	40	2	2.52	100	7.57	2.13	0.000	0.364	0.364	0.475	05/08/2025	14:29
14	Q1968-05		1	2.51	100	7.52	2.10	0.001	0.001	0.000	-0.001	05/08/2025	14:30
15	Q1969-01		1	2.54	100	7.57	2.19	0.002	0.002	0.000	-0.001	05/08/2025	14:30
16	CCV2	0.5	1	100	100	7.40	1.88	0.000	0.375	0.375	0.489	05/08/2025	14:31
17	CCB2		1	100	100	7.42	1.81	0.000	0.000	0.000	-0.001	05/08/2025	14:31
18	Q1972-01		1	2.56	100	7.60	1.93	0.004	0.005	0.001	0.000	05/08/2025	14:32
19	Q1972-05		1	2.55	100	7.55	2.15	0.010	0.011	0.001	0.000	05/08/2025	14:32
20	Q1972-09		1	2.51	100	7.62	1.90	0.020	0.020	0.000	-0.001	05/08/2025	14:33
21	Q1972-13		1	2.54	100	7.68	2.10	0.022	0.023	0.001	0.000	05/08/2025	14:33
22	Q1972-17		1	2.56	100	7.57	2.24	0.002	0.002	0.000	-0.001	05/08/2025	14:34
23	Q1972-21		1	2.57	100	7.69	2.31	0.023	0.024	0.001	0.000	05/08/2025	14:34
24	Q1983-01		1	2.52	100	7.72	2.34	0.010	0.010	0.000	-0.001	05/08/2025	14:35
25	Q1983-07		1	2.53	100	7.52	1.84	0.011	0.012	0.001	0.000	05/08/2025	14:35
26	Q1983-13		1	2.58	100	7.51	2.01	0.004	0.005	0.001	0.000	05/08/2025	14:36
27	Q1983-19		1	2.51	100	7.42	2.03	0.013	0.014	0.001	0.000	05/08/2025	14:36
28	CCV3	0.5	1	100	100	7.48	1.92	0.000	0.383	0.383	0.500	05/08/2025	14:37
29	CCB3		1	100	100	7.24	1.72	0.000	0.001	0.001	0.000	05/08/2025	14:37
30	Q1983-25		1	2.54	100	7.54	2.10	0.036	0.036	0.000	-0.001	05/08/2025	14:38
31	Q1983-31		1	2.57	100	7.59	2.06	0.010	0.010	0.000	-0.001	05/08/2025	13:38
32	Q1983-37		1	2.55	100	7.64	2.03	0.001	0.001	0.000	-0.001	05/08/2025	14:39
33	Q1983-43		1	2.55	100	7.39	2.17	0.008	0.008	0.000	-0.001	05/08/2025	14:39
34	Q1983-49		1	2.52	100	7.56	2.14	0.009	0.010	0.001	0.000	05/08/2025	14:40
35	CCV4	0.5	1	100	100	7.42	1.85	0.000	0.379	0.379	0.495	05/08/2025	14:40
36	CCB4		1	100	100	7.32	1.99	0.000	0.001	0.001	0.000	05/08/2025	14:41