

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136024

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113405
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0005

Slope: 0.7659

Regression: 0.999983

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	7.34	1.71	0.000	0.000	0.000	-0.00		06/05/2025	13:00
2	CAL2	0.01	1	100	100	7.42	1.84	0.000	0.008	0.008	0.009	-10	06/05/2025	13:01
3	CAL3	0.025	1	100	100	7.44	1.92	0.000	0.021	0.021	0.026	4	06/05/2025	13:02
4	CAL4	0.05	1	100	100	7.37	1.94	0.000	0.039	0.039	0.050	0	06/05/2025	13:03
5	CAL5	0.1	1	100	100	7.39	1.87	0.000	0.078	0.078	0.101	1	06/05/2025	13:04
6	CAL6	0.5	1	100	100	7.38	1.94	0.000	0.380	0.380	0.495	-1	06/05/2025	13:05
7	CAL7	1	1	100	100	7.39	1.90	0.000	0.768	0.768	1.002	0.2	06/05/2025	13:06

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Run Number: LB136024

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	7.44	1.90	0.000	0.378	0.378	0.493	06/05/2025	13:07
2	ICB		1	100	100	7.28	1.83	0.000	0.001	0.001	0.001	06/05/2025	17:08
3	CCV1	0.5	1	100	100	7.44	1.99	0.001	0.382	0.381	0.497	06/05/2025	13:09
4	CCB1		1	100	100	7.31	1.77	0.000	0.000	0.000	-0.001	06/05/2025	13:10
5	RL Check	0.01	1	100	100	7.42	1.97	0.000	0.009	0.009	0.011	06/05/2025	13:11
6	PB168265BL		1	2.50	100	7.33	1.84	0.000	0.000	0.000	-0.001	06/05/2025	13:12
7	PB168265BS	20	1	2.50	100	7.42	1.94	0.000	0.379	0.379	0.494	06/05/2025	13:13
8	Q2185-01		1	2.52	100	7.36	1.85	0.001	0.002	0.001	0.001	06/05/2025	13:14
9	Q2185-01DU		1	2.52	100	7.39	1.88	0.001	0.002	0.001	0.001	06/05/2025	13:15
10	Q2185-01MS	40	2	2.51	100	7.36	1.90	0.000	0.301	0.301	0.392	06/05/2025	13:16
11	Q2185-01MS	1284	40	2.52	100	7.35	1.88	0.000	0.604	0.604	0.788	06/05/2025	13:17
12	Q2185-01MS	40	2	2.53	100	7.44	1.95	0.000	0.377	0.377	0.492	06/05/2025	13:18
13	Q2185-05		1	2.57	100	7.52	2.10	0.000	0.001	0.001	0.001	06/05/2025	13:19
14	Q2194-01		1	2.58	100	7.60	2.06	0.002	0.002	0.000	-0.001	06/05/2025	13:20
15	Q2194-03		1	2.55	100	7.39	1.90	0.004	0.004	0.000	-0.001	06/05/2025	13:21
16	CCV2	0.5	1	100	100	7.40	2.00	0.000	0.380	0.380	0.495	06/05/2025	13:22
17	CCB2		1	100	100	7.39	1.80	0.000	0.001	0.001	0.001	06/05/2025	13:23
18	Q2195-01		1	2.52	100	7.61	2.13	0.002	0.002	0.000	-0.001	06/05/2025	13:24
19	Q2198-01		1	2.55	100	7.57	2.06	0.035	0.036	0.001	0.001	06/05/2025	13:25
20	Q2198-03		1	2.51	100	7.52	2.20	0.036	0.036	0.000	-0.001	06/05/2025	13:26
21	Q2206-01		1	2.56	100	7.52	2.28	0.010	0.011	0.001	0.001	06/05/2025	13:27
22	Q2207-01		1	2.55	100	7.59	1.90	0.003	0.007	0.004	0.005	06/05/2025	13:28
23	Q2207-10		1	2.56	100	7.55	2.11	0.012	0.015	0.003	0.003	06/05/2025	13:29
24	Q2207-19		1	2.52	100	7.44	2.01	0.003	0.007	0.004	0.005	06/05/2025	13:30
25	Q2207-28		1	2.53	100	7.65	1.97	0.000	0.001	0.001	0.001	06/05/2025	13:31
26	Q2207-37		1	2.54	100	7.63	2.14	0.003	0.008	0.005	0.006	06/05/2025	13:32
27	Q2208-01		1	2.52	100	7.33	2.10	0.001	0.010	0.009	0.011	06/05/2025	13:33
28	CCV3	0.5	1	100	100	7.38	1.90	0.000	0.378	0.378	0.493	06/05/2025	13:34
29	CCB3		1	100	100	7.27	1.81	0.000	0.000	0.000	-0.001	06/05/2025	13:35
30	Q2208-10		1	2.57	100	7.53	2.07	0.002	0.002	0.000	-0.001	06/05/2025	13:36
31	Q2208-19		1	2.54	100	7.45	2.15	0.002	0.003	0.001	0.001	06/05/2025	13:37
32	Q2208-28		1	2.51	100	7.50	2.19	0.018	0.038	0.020	0.025	06/05/2025	13:38
33	Q2224-01		1	2.55	100	7.58	2.06	0.004	0.004	0.000	-0.001	06/05/2025	13:39
34	Q2226-01		1	2.51	100	7.60	1.93	0.000	0.001	0.001	0.001	06/05/2025	13:40
35	Q2227-01		1	2.55	100	7.60	2.06	0.000	0.001	0.001	0.001	06/05/2025	13:41
36	CCV4	0.5	1	100	100	7.49	1.88	0.000	0.380	0.380	0.495	06/05/2025	13:42
37	CCB4		1	100	100	7.31	1.78	0.000	0.001	0.001	0.001	06/05/2025	13:43