

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136069

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

Slope: 0.7769

Regression: 0.999944

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	1.76	1.94	0.000	0.000	0.000	0		06/09/2025	15:30
2	CAL2	0.01	1	100	100	7.39	1.99	0.000	0.009	0.009	0.011	10	06/09/2025	15:30
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.027	8	06/09/2025	15:31
4	CAL4	0.05	1	100	100	7.39	1.84	0.000	0.038	0.038	0.048	-4	06/09/2025	15:31
5	CAL5	0.1	1	100	100	7.43	1.90	0.000	0.079	0.079	0.101	1	06/09/2025	15:32
6	CAL6	0.5	1	100	100	7.36	1.95	0.000	0.382	0.382	0.491	-1.8	06/09/2025	15:32
7	CAL7	1	1	100	100	7.40	1.93	0.000	0.780	0.780	1.003	0.3	06/09/2025	15:33

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Run Number: LB136069

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	1.92	0.000	0.385	0.385	0.496	06/09/2025	15:33
2	ICB		1	100	100	7.30	1.88	0.000	0.001	0.001	0.001	06/09/2025	15:34
3	CCV1	0.5	1	100	100	7.38	1.99	0.000	0.382	0.382	0.492	06/09/2025	15:34
4	CCB1		1	100	100	7.34	1.77	0.000	0.000	0.000	0.000	06/09/2025	15:35
5	RL Check	0.01	1	100	100	7.47	1.88	0.000	0.008	0.008	0.010	06/09/2025	15:35
6	PB168338BL		1	2.50	100	7.35	1.69	0.000	0.000	0.000	0.000	06/09/2025	15:36
7	PB168338BS	20	1	2.50	100	7.45	2.00	0.000	0.385	0.385	0.496	06/09/2025	15:36
8	Q2228-01		1	2.57	100	7.36	2.10	0.002	0.002	0.000	0.000	06/09/2025	15:37
9	Q2240-01		1	2.53	100	7.47	2.22	0.010	0.010	0.000	0.000	06/09/2025	15:37
10	Q2240-05		1	2.51	100	7.60	2.13	0.006	0.007	0.001	0.001	06/09/2025	15:38
11	Q2240-09		1	2.54	100	7.55	2.06	0.002	0.003	0.001	0.001	06/09/2025	15:38
12	Q2241-01		1	2.53	100	7.52	1.90	0.004	0.004	0.000	0.000	06/09/2025	15:39
13	Q2241-05		1	2.57	100	7.66	1.99	0.002	0.003	0.001	0.001	06/09/2025	15:39
14	Q2242-01		1	2.55	100	7.35	2.16	0.002	0.002	0.000	0.000	06/09/2025	15:40
15	Q2244-01		1	2.57	100	7.50	2.19	0.000	0.001	0.001	0.001	06/09/2025	15:40
16	CCV2	0.5	1	100	100	7.42	2.01	0.000	0.383	0.383	0.493	06/09/2025	15:41
17	CCB2		1	100	100	7.29	1.82	0.000	0.001	0.001	0.001	06/09/2025	15:41
18	Q2260-01		1	2.55	100	7.59	2.10	0.000	0.001	0.001	0.001	06/09/2025	15:42
19	Q2265-01		1	2.57	100	7.60	2.11	0.000	0.000	0.000	0.000	06/09/2025	15:42
20	Q2265-01DU		1	2.57	100	7.61	2.10	0.000	0.000	0.000	0.000	06/09/2025	15:43
21	Q2265-01MS	40	2	2.57	100	7.58	2.11	0.000	0.329	0.329	0.423	06/09/2025	15:43
22	Q2265-01MS	1284	40	2.58	100	7.60	2.13	0.000	0.609	0.609	0.784	06/09/2025	15:44
23	Q2265-01MS	40	2	2.58	100	7.65	2.19	0.000	0.370	0.370	0.476	06/09/2025	15:44
24	Q2266-01		1	2.52	100	7.51	2.06	0.002	0.003	0.001	0.001	06/09/2025	15:45
25	Q2266-05		1	2.55	100	7.54	1.92	0.004	0.005	0.001	0.001	06/09/2025	15:45
26	Q2271-01		1	2.53	100	7.60	2.06	0.000	0.001	0.001	0.001	06/09/2025	15:46
27	Q2272-01		1	2.55	100	7.52	2.18	0.002	0.003	0.001	0.001	06/09/2025	15:46
28	CCV3	0.5	1	100	100	7.40	1.85	0.000	0.382	0.382	0.492	06/09/2025	15:47
29	CCB3		1	100	100	7.39	1.94	0.000	0.001	0.001	0.001	06/09/2025	15:47
30	Q2274-01		1	2.55	100	7.56	2.28	0.000	0.001	0.001	0.001	06/09/2025	15:48
31	CCV4	0.5	1	100	100	7.44	1.94	0.000	0.384	0.384	0.494	06/09/2025	15:48
32	CCB4		1	100	100	7.36	1.80	0.000	0.001	0.001	0.001	06/09/2025	15:49