

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137864

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115554
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP114310

Intercept: 0

Slope: 0.7649

Regression: 0.999943

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	7.36	2.01	0.000	0.000	0.000	0		11/12/2025	13:30
2	CAL2	0.01	1	100	100	7.45	1.97	0.000	0.008	0.008	0.010	0	11/12/2025	13:30
3	CAL3	0.025	1	100	100	7.42	1.91	0.000	0.021	0.021	0.027	8	11/12/2025	13:31
4	CAL4	0.05	1	100	100	7.48	2.05	0.000	0.038	0.038	0.049	-2	11/12/2025	13:31
5	CAL5	0.1	1	100	100	7.39	2.10	0.000	0.078	0.078	0.101	1	11/12/2025	13:32
6	CAL6	0.5	1	100	100	7.39	1.88	0.000	0.376	0.376	0.491	-1.8	11/12/2025	13:32
7	CAL7	1	1	100	100	7.44	1.91	0.000	0.768	0.768	1.004	0.4	11/12/2025	13:33

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Run Number: LB137864

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	7.49	1.89	0.000	0.374	0.374	0.489	11/12/2025	13:33
2	ICB		1	100	100	7.52	1.77	0.001	0.001	0.000	0.000	11/12/2025	13:34
3	CCV1	0.5	1	100	100	7.46	2.04	0.000	0.378	0.378	0.494	11/12/2025	13:34
4	CCB1		1	100	100	7.33	2.02	0.000	0.001	0.001	0.001	11/12/2025	13:35
5	RL Check	0.01	1	100	100	7.42	2.08	0.000	0.009	0.009	0.012	11/12/2025	13:35
6	PB170486BL		1	2.50	100	7.55	2.04	0.000	0.000	0.000	0.000	11/12/2025	13:36
7	PB170486BS	20	1	2.50	100	7.50	2.00	0.000	0.378	0.378	0.494	11/12/2025	13:36
8	Q3597-01		1	2.57	100	7.42	2.10	0.000	0.000	0.000	0.000	11/12/2025	13:37
9	Q3597-01DU		1	2.56	100	7.45	2.15	0.000	0.000	0.000	0.000	11/12/2025	13:37
10	Q3597-01MS	40	2	2.55	100	7.42	2.18	0.000	0.319	0.319	0.417	11/12/2025	13:38
11	Q3597-01MS	1284	40	2.57	100	7.48	2.14	0.000	0.597	0.597	0.780	11/12/2025	13:38
12	Q3597-01MS	40	2	2.55	100	7.52	2.22	0.000	0.358	0.358	0.468	11/12/2025	13:39
13	Q3597-04		1	2.51	100	7.52	2.06	0.000	0.001	0.001	0.001	11/12/2025	13:39
14	Q3597-07		1	2.54	100	7.42	1.95	0.001	0.002	0.001	0.001	11/12/2025	13:40
15	Q3597-10		1	2.57	100	7.55	2.10	0.000	0.001	0.001	0.001	11/12/2025	13:40
16	CCV2	0.5	1	100	100	7.40	1.97	0.000	0.374	0.374	0.489	11/12/2025	13:41
17	CCB2		1	100	100	7.36	1.92	0.000	0.000	0.000	0.000	11/12/2025	13:41
18	Q3598-01		1	2.53	100	7.34	1.92	0.000	0.003	0.003	0.004	11/12/2025	13:42
19	Q3599-01		1	2.54	100	7.34	2.06	0.005	0.034	0.029	0.038	11/12/2025	13:42
20	Q3600-01		1	2.51	100	7.58	1.83	0.001	0.002	0.001	0.001	11/12/2025	13:43
21	Q3601-01		1	2.52	100	7.60	2.15	0.009	0.010	0.001	0.001	11/12/2025	13:43
22	Q3601-05		1	2.53	100	7.50	2.19	0.005	0.005	0.000	0.000	11/12/2025	13:44
23	Q3601-09		1	2.58	100	7.52	2.06	0.020	0.020	0.000	0.000	11/12/2025	13:44
24	Q3601-13		1	2.54	100	7.57	2.01	0.010	0.011	0.001	0.001	11/12/2025	13:45
25	Q3601-17		1	2.53	100	7.42	1.88	0.031	0.032	0.001	0.001	11/12/2025	13:45
26	CCV3	0.5	1	100	100	7.34	1.84	0.000	0.376	0.376	0.492	11/12/2025	13:46
27	CCB3		1	100	100	7.25	1.81	0.000	0.001	0.001	0.001	11/12/2025	13:46