

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137587

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115235
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0001

Slope: 0.7676

Regression: 0.999988

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	1.90	0.000	0.000	0.000	-0.00		10/20/2025	15:00
2	CAL2	0.01	1	100	100	7.39	2.04	0.000	0.008	0.008	0.010	0	10/20/2025	15:00
3	CAL3	0.025	1	100	100	7.52	2.06	0.000	0.020	0.020	0.025	0	10/20/2025	15:01
4	CAL4	0.05	1	100	100	7.46	2.01	0.000	0.038	0.038	0.049	-2	10/20/2025	15:01
5	CAL5	0.1	1	100	100	7.44	1.92	0.000	0.078	0.078	0.101	1	10/20/2025	15:02
6	CAL6	0.5	1	100	100	7.49	1.90	0.000	0.381	0.381	0.496	-0.8	10/20/2025	15:02
7	CAL7	1	1	100	100	7.33	2.00	0.000	0.769	0.769	1.001	0.1	10/20/2025	15:03

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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	7.42	1.96	0.000	0.379	0.379	0.494	10/20/2025	15:03
2	ICB		1	100	100	7.30	2.06	0.000	0.001	0.001	0.001	10/20/2025	15:04
3	CCV1	0.5	1	100	100	7.36	1.93	0.000	0.380	0.380	0.495	10/20/2025	15:04
4	CCB1		1	100	100	7.42	1.88	0.000	0.001	0.001	0.001	10/20/2025	15:05
5	RL Check	0.01	1	100	100	7.39	2.04	0.000	0.009	0.009	0.012	10/20/2025	15:05
6	PB170150BL		1	2.50	100	7.44	1.90	0.000	0.000	0.000	0.000	10/20/2025	15:06
7	PB170150BS	20	1	2.50	100	7.52	1.99	0.000	0.378	0.378	0.492	10/20/2025	15:06
8	Q3272-01		1	2.53	100	7.36	2.10	0.002	0.003	0.001	0.001	10/20/2025	15:07
9	Q3363-01		1	2.57	100	7.52	2.06	0.036	0.037	0.001	0.001	10/20/2025	15:07
10	Q3363-02		1	2.51	100	7.40	1.88	0.037	0.037	0.000	0.000	10/20/2025	15:08
11	Q3363-03		1	2.54	100	7.39	1.90	0.035	0.036	0.001	0.001	10/20/2025	15:08
12	Q3363-04		1	2.54	100	7.32	2.10	0.038	0.038	0.000	0.000	10/20/2025	15:09
13	Q3363-05		1	2.55	100	7.52	2.06	0.035	0.035	0.000	0.000	10/20/2025	15:09
14	Q3366-01		1	2.51	100	7.59	2.22	0.000	0.001	0.001	0.001	10/20/2025	15:10
15	Q3366-03		1	2.57	100	7.44	2.14	0.002	0.005	0.003	0.004	10/20/2025	15:10
16	CCV2	0.5	1	100	100	7.40	2.07	0.000	0.379	0.379	0.494	10/20/2025	15:11
17	CCB2		1	100	100	7.36	2.00	0.000	0.000	0.000	0.000	10/20/2025	15:11
18	Q3369-01		1	2.56	100	7.51	1.90	0.002	0.003	0.001	0.001	10/20/2025	15:12
19	Q3369-05		1	2.55	100	7.57	1.98	0.001	0.001	0.000	0.000	10/20/2025	15:12
20	Q3374-01		1	2.52	100	7.36	2.10	0.010	0.010	0.000	0.000	10/20/2025	15:13
21	Q3374-05		1	2.52	100	7.39	2.13	0.000	0.001	0.001	0.001	10/20/2025	15:14
22	Q3381-01		1	2.55	100	7.45	2.03	0.012	0.015	0.003	0.004	10/20/2025	15:14
23	Q3381-03		1	2.56	100	7.47	1.92	0.037	0.038	0.001	0.001	10/20/2025	15:15
24	Q3381-05		1	2.53	100	7.52	1.90	0.010	0.011	0.001	0.001	10/20/2025	15:15
25	Q3381-07		1	2.55	100	7.59	1.81	0.024	0.025	0.001	0.001	10/20/2025	15:16
26	Q3392-01		1	2.53	100	7.33	1.88	0.000	0.001	0.001	0.001	10/20/2025	15:16
27	Q3392-01DU		1	2.53	100	7.36	1.90	0.000	0.001	0.001	0.001	10/20/2025	15:17
28	CCV3	0.5	1	100	100	7.35	1.90	0.000	0.376	0.376	0.490	10/20/2025	15:17
29	CCB3		1	100	100	7.36	1.74	0.000	0.000	0.000	0.000	10/20/2025	15:18
30	Q3392-01MS	40	2	2.55	100	7.42	1.88	0.000	0.341	0.341	0.444	10/20/2025	15:18
31	Q3392-01MS	1284	40	2.54	100	7.33	1.94	0.000	0.604	0.604	0.787	10/20/2025	15:19
32	Q3392-01MS	40	2	2.53	100	7.40	1.90	0.000	0.377	0.377	0.491	10/20/2025	15:19
33	Q3392-05		1	2.58	100	7.40	2.10	0.037	0.038	0.001	0.001	10/20/2025	15:20
34	CCV4	0.5	1	100	100	7.47	1.88	0.000	0.378	0.378	0.492	10/20/2025	15:20
35	CCB4		1	100	100	7.55	1.90	0.000	0.001	0.001	0.001	10/20/2025	15:21