

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135853

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113083
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0001

Slope: 0.7641

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	7.24	1.73	0.000	0.000	0.000	-0.00		05/20/2025	13:45
2	CAL2	0.01	1	100	100	7.34	1.84	0.000	0.007	0.007	0.009	-10	05/20/2025	13:45
3	CAL3	0.025	1	100	100	7.36	1.93	0.000	0.019	0.019	0.024	-4	05/20/2025	13:46
4	CAL4	0.05	1	100	100	7.39	1.90	0.000	0.038	0.038	0.049	-2	05/20/2025	13:46
5	CAL5	0.1	1	100	100	7.44	1.87	0.000	0.079	0.079	0.103	3	05/20/2025	13:47
6	CAL6	0.5	1	100	100	7.46	1.90	0.000	0.380	0.380	0.497	-0.6	05/20/2025	13:47
7	CAL7	1	1	100	100	7.45	1.88	0.000	0.765	0.765	1.001	0.1	05/20/2025	13:48

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Run Number: LB135853

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	7.40	1.90	0.000	0.377	0.377	0.493	05/20/2025	13:48
2	ICB		1	100	100	7.29	1.83	0.000	0.001	0.001	0.001	05/20/2025	13:49
3	CCV1	0.5	1	100	100	7.39	1.94	0.000	0.381	0.381	0.498	05/20/2025	13:49
4	CCB1		1	100	100	7.31	1.81	0.000	0.000	0.000	0.000	05/20/2025	13:50
5	RL Check	0.01	1	100	100	7.38	1.94	0.000	0.008	0.008	0.010	05/20/2025	13:50
6	PB168057BL		1	2.50	100	7.26	1.92	0.000	0.001	0.001	0.001	05/20/2025	13:51
7	PB168057BS	20	1	2.50	100	7.45	1.96	0.000	0.380	0.380	0.497	05/20/2025	13:51
8	Q2057-01		1	2.52	100	7.52	1.84	0.001	0.001	0.000	0.000	05/20/2025	13:52
9	Q2057-01DU		1	2.53	100	7.55	1.88	0.001	0.001	0.000	0.000	05/20/2025	13:52
10	Q2057-01MS	40	2	2.53	100	7.52	1.88	0.001	0.346	0.345	0.451	05/20/2025	13:53
11	Q2057-01MS	1284	40	2.52	100	7.57	1.84	0.000	0.609	0.609	0.797	05/20/2025	13:53
12	Q2057-01MS	40	2	2.52	100	7.61	1.93	0.000	0.374	0.374	0.489	05/20/2025	13:54
13	Q2062-01		1	2.57	100	7.36	2.10	0.001	0.002	0.001	0.001	05/20/2025	13:54
14	Q2062-05		1	2.55	100	7.64	2.06	0.006	0.007	0.001	0.001	05/20/2025	13:55
15	Q2062-09		1	2.54	100	7.36	1.90	0.004	0.004	0.000	0.000	05/20/2025	13:55
16	CCV2	0.5	1	100	100	7.36	1.88	0.000	0.380	0.380	0.497	05/20/2025	13:56
17	CCB2		1	100	100	7.34	1.79	0.000	0.000	0.000	0.000	05/20/2025	13:56
18	Q2062-13		1	2.53	100	7.60	2.10	0.004	0.005	0.001	0.001	05/20/2025	13:57
19	Q2062-17		1	2.55	100	7.54	1.90	0.006	0.006	0.000	0.000	05/20/2025	13:57
20	Q2062-21		1	2.57	100	7.52	1.79	0.010	0.011	0.001	0.001	05/20/2025	13:58
21	Q2071-01		1	2.51	100	7.55	2.03	0.005	0.005	0.000	0.000	05/20/2025	13:58
22	Q2071-05		1	2.51	100	7.36	2.23	0.005	0.006	0.001	0.001	05/20/2025	13:59
23	Q2071-09		1	2.55	100	7.42	2.04	0.010	0.010	0.000	0.000	05/20/2025	13:59
24	Q2071-13		1	2.54	100	7.47	1.84	0.008	0.008	0.000	0.000	05/20/2025	14:00
25	Q2071-17		1	2.55	100	7.52	2.19	0.003	0.004	0.001	0.001	05/20/2025	14:00
26	Q2080-01		1	2.57	100	7.59	2.09	0.014	0.015	0.001	0.001	05/20/2025	14:01
27	Q2080-07		1	2.58	100	7.59	1.90	0.014	0.014	0.000	0.000	05/20/2025	14:01
28	CCV3	0.5	1	100	100	7.49	1.90	0.000	0.378	0.378	0.495	05/20/2025	14:02
29	CCB3		1	100	100	7.36	1.82	0.000	0.001	0.001	0.001	05/20/2025	14:02
30	Q2084-01		1	2.52	100	7.44	2.11	0.001	0.001	0.000	0.000	05/20/2025	14:03
31	CCV4	0.5	1	100	100	7.47	1.89	0.000	0.381	0.381	0.498	05/20/2025	14:03
32	CCB4		1	100	100	7.33	1.92	0.000	0.001	0.001	0.001	05/20/2025	14:04