

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135791

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: 0.0004

Slope: 0.7645

Regression: 0.999939

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	7.35	1.91	0.000	0.000	0.000	-0.00		05/15/2025	13:00
2	CAL2	0.01	1	100	100	7.39	1.88	0.000	0.008	0.008	0.009	-10	05/15/2025	13:01
3	CAL3	0.025	1	100	100	7.42	1.94	0.000	0.021	0.021	0.026	4	05/15/2025	13:02
4	CAL4	0.05	1	100	100	7.45	1.99	0.000	0.039	0.039	0.050	0	05/15/2025	13:03
5	CAL5	0.1	1	100	100	7.40	2.00	0.000	0.079	0.079	0.102	2	05/15/2025	13:04
6	CAL6	0.5	1	100	100	7.47	1.98	0.000	0.376	0.376	0.491	-1.8	05/15/2025	13:05
7	CAL7	1	1	100	100	7.42	1.94	0.000	0.768	0.768	1.004	0.4	05/15/2025	13:06

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Run Number: LB135791

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	1.91	0.000	0.380	0.380	0.497	05/15/2025	13:07
2	ICB		1	100	100	7.27	1.83	0.000	0.000	0.000	-0.001	05/15/2025	13:08
3	CCV1	0.5	1	100	100	7.45	1.87	0.000	0.376	0.376	0.491	05/15/2025	13:09
4	CCB1		1	100	100	7.33	1.75	0.001	0.001	0.000	-0.001	05/15/2025	13:10
5	RL Check	0.01	1	100	100	7.40	1.94	0.000	0.008	0.008	0.010	05/15/2025	13:11
6	PB168013BL		1	2.50	100	7.25	1.81	0.000	0.001	0.001	0.001	05/15/2025	13:12
7	PB168013BS	20	1	2.50	100	7.36	1.94	0.000	0.380	0.380	0.497	05/15/2025	13:13
8	Q2017-01		1	2.55	100	7.58	2.03	0.000	0.000	0.000	-0.001	05/15/2025	13:14
9	Q2017-01DU		1	2.55	100	7.60	2.06	0.000	0.000	0.000	-0.001	05/15/2025	13:15
10	Q2017-01MS	40	2	2.55	100	7.55	2.06	0.000	0.320	0.320	0.418	05/15/2025	13:16
11	Q2017-01MS	1284	40	2.54	100	7.57	2.10	0.000	0.597	0.597	0.780	05/15/2025	13:17
12	Q2017-01MS	40	2	2.54	100	7.64	2.13	0.000	0.359	0.359	0.469	05/15/2025	13:18
13	Q2017-05		1	2.57	100	7.52	2.06	0.007	0.010	0.003	0.003	05/15/2025	13:19
14	Q2019-01		1	2.51	100	7.63	2.17	0.000	0.000	0.000	-0.001	05/15/2025	13:20
15	Q2020-01		1	2.57	100	7.67	2.06	0.020	0.020	0.000	-0.001	05/15/2025	13:21
16	CCV2	0.5	1	100	100	7.39	1.92	0.000	0.379	0.379	0.495	05/15/2025	13:22
17	CCB2		1	100	100	7.30	1.93	0.000	0.000	0.000	-0.001	05/15/2025	13:23
18	Q2034-01		1	2.53	100	7.51	2.10	0.012	0.012	0.000	-0.001	05/15/2025	13:24
19	Q2034-05		1	2.54	100	7.42	2.06	0.004	0.008	0.004	0.005	05/15/2025	13:25
20	Q2034-09		1	2.54	100	7.39	2.23	0.020	0.020	0.000	-0.001	05/15/2025	13:26
21	Q2034-13		1	2.52	100	7.57	2.06	0.020	0.020	0.000	-0.001	05/15/2025	13:27
22	Q2034-17		1	2.54	100	7.60	2.32	0.036	0.036	0.000	-0.001	05/15/2025	13:28
23	Q2034-21		1	2.53	100	7.65	2.37	0.026	0.031	0.005	0.006	05/15/2025	13:29
24	Q2038-01		1	2.52	100	7.73	2.20	0.010	0.010	0.000	-0.001	05/15/2025	13:30
25	Q2039-01		1	2.53	100	7.74	2.11	0.010	0.011	0.001	0.001	05/15/2025	13:31
26	Q2048-01		1	2.51	100	7.31	2.14	0.010	0.010	0.000	-0.001	05/15/2025	13:32
27	Q2048-05		1	2.53	100	7.52	1.99	0.014	0.015	0.001	0.001	05/15/2025	13:33
28	CCV3	0.5	1	100	100	7.51	1.90	0.000	0.383	0.383	0.500	05/15/2025	13:34
29	CCB3		1	100	100	7.36	1.79	0.000	0.000	0.000	-0.001	05/15/2025	13:35
30	Q2048-09		1	2.55	100	7.60	2.15	0.026	0.026	0.000	-0.001	05/15/2025	13:36
31	Q2048-13		1	2.58	100	7.52	2.10	0.006	0.006	0.000	-0.001	05/15/2025	13:37
32	Q2052-01		1	2.52	100	7.57	2.17	0.000	0.002	0.002	0.002	05/15/2025	13:38
33	CCV4	0.5	1	100	100	7.40	1.98	0.000	0.380	0.380	0.497	05/15/2025	13:39
34	CCB4		1	100	100	7.34	1.80	0.000	0.001	0.001	0.001	05/15/2025	13:40