

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135651

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112869
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0009

Slope: 0.7659

Regression: 0.999982

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	7.27	1.85	0.000	0.000	0.000	-0.00		05/02/2025	13:10
2	CAL2	0.01	1	100	100	7.36	1.89	0.000	0.008	0.008	0.009	-10	05/02/2025	13:11
3	CAL3	0.025	1	100	100	7.42	1.90	0.000	0.021	0.021	0.026	4	05/02/2025	13:12
4	CAL4	0.05	1	100	100	7.45	1.93	0.000	0.039	0.039	0.049	-2	05/02/2025	13:13
5	CAL5	0.1	1	100	100	7.40	1.88	0.000	0.080	0.080	0.103	3	05/02/2025	13:14
6	CAL6	0.5	1	100	100	7.38	1.85	0.000	0.381	0.381	0.496	-0.8	05/02/2025	13:15
7	CAL7	1	1	100	100	7.36	1.90	0.000	0.768	0.768	1.001	0.1	05/02/2025	13:16

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Run Number: LB135651

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	7.44	1.88	0.000	0.377	0.377	0.491	05/02/2025	13:17
2	ICB		1	100	100	7.26	1.83	0.000	0.001	0.001	0.000	05/02/2025	13:18
3	CCV1	0.5	1	100	100	7.46	1.98	0.000	0.379	0.379	0.494	05/02/2025	13:19
4	CCB1		1	100	100	7.29	1.79	0.000	0.000	0.000	-0.001	05/02/2025	13:20
5	RL Check	0.01	1	100	100	7.42	1.94	0.000	0.010	0.010	0.012	05/02/2025	13:21
6	PB167828BL		1	2.50	100	7.34	1.75	0.000	0.000	0.000	-0.001	05/02/2025	13:22
7	PB167828BS	20	1	2.50	100	7.46	1.98	0.000	0.384	0.384	0.500	05/02/2025	13:23
8	Q1923-01		1	2.55	100	7.39	2.10	0.002	0.002	0.000	-0.001	05/02/2025	13:24
9	Q1928-01		1	2.57	100	7.59	2.28	0.001	0.001	0.000	-0.001	05/02/2025	13:25
10	Q1932-01		1	2.52	100	7.58	2.24	0.003	0.004	0.001	0.000	05/02/2025	13:26
11	Q1932-01DU		1	2.52	100	7.60	2.29	0.003	0.004	0.001	0.000	05/02/2025	13:27
12	Q1932-01MS	40	2	2.52	100	7.52	2.25	0.000	0.331	0.331	0.431	05/02/2025	13:28
13	Q1932-01MS	1284	40	2.53	100	7.55	2.20	0.000	0.610	0.610	0.795	05/02/2025	13:29
14	Q1932-01MS	40	2	2.53	100	7.60	2.29	0.000	0.377	0.377	0.491	05/02/2025	13:30
15	Q1932-03		1	2.57	100	7.60	2.06	0.001	0.001	0.000	-0.001	05/02/2025	13:31
16	CCV2	0.5	1	100	100	7.45	1.90	0.000	0.378	0.378	0.492	05/02/2025	13:32
17	CCB2		1	100	100	7.39	1.80	0.000	0.000	0.000	-0.001	05/02/2025	13:33
18	Q1932-05		1	2.55	100	7.69	2.10	0.004	0.004	0.000	-0.001	05/02/2025	13:34
19	Q1932-07		1	2.54	100	7.51	2.31	0.004	0.005	0.001	0.000	05/02/2025	13:35
20	Q1935-01		1	2.51	100	7.48	2.10	0.003	0.003	0.000	-0.001	05/02/2025	13:36
21	Q1935-05		1	2.56	100	7.36	2.06	0.002	0.002	0.000	-0.001	05/02/2025	13:37
22	Q1936-01		1	2.54	100	7.33	1.99	0.004	0.005	0.001	0.000	05/02/2025	13:38
23	Q1936-03		1	2.56	100	7.67	1.90	0.006	0.007	0.001	0.000	05/02/2025	13:39
24	Q1936-05		1	2.52	100	7.60	2.06	0.004	0.005	0.001	0.000	05/02/2025	13:40
25	Q1936-07		1	2.53	100	7.52	2.10	0.002	0.003	0.001	0.000	05/02/2025	13:41
26	Q1937-01		1	2.57	100	7.70	2.06	0.002	0.002	0.000	-0.001	05/02/2025	13:42
27	Q1937-03		1	2.53	100	7.60	2.02	0.002	0.002	0.000	-0.001	05/02/2025	13:43
28	CCV3	0.5	1	100	100	7.53	1.85	0.000	0.380	0.380	0.495	05/02/2025	13:44
29	CCB3		1	100	100	7.39	1.79	0.000	0.001	0.001	0.000	05/02/2025	13:45
30	Q1937-05		1	2.51	100	7.52	2.19	0.001	0.002	0.001	0.000	05/02/2025	13:46
31	Q1937-07		1	2.54	100	7.55	2.11	0.014	0.015	0.001	0.000	05/02/2025	13:47
32	Q1937-09		1	2.54	100	7.59	2.01	0.030	0.031	0.001	0.000	05/02/2025	13:48
33	Q1937-11		1	2.58	100	7.44	1.88	0.030	0.030	0.000	-0.001	05/02/2025	13:49
34	CCV4	0.5	1	100	100	7.49	1.99	0.000	0.380	0.380	0.495	05/02/2025	13:50
35	CCB4		1	100	100	7.30	1.84	0.000	0.001	0.001	0.000	05/02/2025	13:51