

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134664

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111872
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.001

Slope: 0.7681

Regression: 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.32	1.73	0.000	0.000	0.000	-0.00		02/11/2025	09:15
2	CAL2	0.01	1	100	100	7.40	1.85	0.000	0.008	0.008	0.009	-10	02/11/2025	09:16
3	CAL3	0.025	1	100	100	7.38	1.90	0.000	0.021	0.021	0.026	4	02/11/2025	09:17
4	CAL4	0.05	1	100	100	7.41	1.88	0.000	0.040	0.040	0.050	0	02/11/2025	09:18
5	CAL5	0.1	1	100	100	7.38	1.91	0.000	0.078	0.078	0.100	0	02/11/2025	09:19
6	CAL6	0.5	1	100	100	7.40	1.86	0.000	0.385	0.385	0.499	-0.2	02/11/2025	09:20
7	CAL7	1	1	100	100	7.36	1.85	0.000	0.769	0.769	0.999	-0.1	02/11/2025	09:21

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Run Number: LB134664

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	7.39	1.96	0.000	0.386	0.386	0.501	02/11/2025	09:22
2	ICB		1	100	100	7.29	1.82	0.000	0.001	0.001	0.000	02/11/2025	09:23
3	CCV1	0.5	1	100	100	7.45	1.94	0.000	0.384	0.384	0.499	02/11/2025	09:24
4	CCB1		1	100	100	7.30	1.79	0.000	0.001	0.001	0.000	02/11/2025	09:25
5	RL Check	0.01	1	100	100	7.42	1.93	0.000	0.009	0.009	0.010	02/11/2025	09:26
6	PB166644BL		1	2.50	100	7.30	1.77	0.000	0.001	0.001	0.000	02/11/2025	09:27
7	PB166644BS	20	1	2.50	100	7.43	1.96	0.000	0.385	0.385	0.500	02/11/2025	09:28
8	Q1309-01		1	2.56	100	7.52	2.10	0.005	0.013	0.008	0.009	02/11/2025	09:29
9	Q1309-01DU		1	2.56	100	7.53	2.12	0.005	0.013	0.008	0.009	02/11/2025	09:30
10	Q1309-01MS	40	2	2.55	100	7.54	2.10	0.000	0.329	0.329	0.427	02/11/2025	09:31
11	Q1309-01MS	1284	40	2.56	100	7.52	2.12	0.000	0.610	0.610	0.793	02/11/2025	09:32
12	Q1309-01MS	40	2	2.55	100	7.57	2.16	0.000	0.385	0.385	0.500	02/11/2025	09:33
13	Q1309-05		1	2.52	100	7.60	2.06	0.002	0.002	0.000	-0.001	02/11/2025	09:34
14	Q1309-09		1	2.51	100	7.57	2.20	0.006	0.006	0.000	-0.001	02/11/2025	09:35
15	Q1309-13		1	2.54	100	7.64	2.10	0.020	0.021	0.001	0.000	02/11/2025	09:36
16	CCV2	0.5	1	100	100	7.47	1.94	0.000	0.383	0.383	0.497	02/11/2025	09:37
17	CCB2		1	100	100	7.28	1.81	0.000	0.000	0.000	-0.001	02/11/2025	09:38
18	Q1309-17		1	2.57	100	7.52	2.06	0.002	0.003	0.001	0.000	02/11/2025	09:39
19	Q1309-21		1	2.55	100	7.61	2.15	0.002	0.002	0.000	-0.001	02/11/2025	09:40
20	Q1343-01		1	2.54	100	7.55	2.21	0.007	0.011	0.004	0.004	02/11/2025	09:41
21	Q1343-05		1	2.55	100	7.58	2.20	0.027	0.027	0.000	-0.001	02/11/2025	09:42
22	Q1343-09		1	2.56	100	7.66	2.10	0.021	0.022	0.001	0.000	02/11/2025	09:43
23	Q1343-13		1	2.56	100	7.62	2.10	0.030	0.039	0.009	0.010	02/11/2025	09:44
24	Q1343-17		1	2.52	100	7.60	2.07	0.030	0.031	0.001	0.000	02/11/2025	09:45
25	Q1344-01		1	2.53	100	7.68	2.16	0.001	0.001	0.000	-0.001	02/11/2025	09:46
26	Q1344-03		1	2.56	100	7.58	2.19	0.001	0.002	0.001	0.000	02/11/2025	09:47
27	Q1345-01		1	2.52	100	7.52	2.11	0.005	0.006	0.001	0.000	02/11/2025	09:48
28	CCV3	0.5	1	100	100	7.45	1.97	0.000	0.386	0.386	0.501	02/11/2025	09:49
29	CCB3		1	100	100	7.31	1.79	0.000	0.000	0.000	-0.001	02/11/2025	09:50