

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134511

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111659
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0009

Slope: 0.7642

Regression: 0.999998

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	1.75	0.000	0.000	0.000	-0.00		01/31/2025	16:31
2	CAL2	0.01	1	100	100	7.40	1.89	0.000	0.008	0.008	0.009	-10	01/31/2025	16:32
3	CAL3	0.025	1	100	100	7.37	1.85	0.000	0.020	0.020	0.024	-4	01/31/2025	16:33
4	CAL4	0.05	1	100	100	7.40	1.88	0.000	0.040	0.040	0.051	2	01/31/2025	16:34
5	CAL5	0.1	1	100	100	7.38	1.90	0.000	0.078	0.078	0.100	0	01/31/2025	16:35
6	CAL6	0.5	1	100	100	7.36	1.89	0.000	0.383	0.383	0.5	0	01/31/2025	16:36
7	CAL7	1	1	100	100	7.35	1.86	0.000	0.765	0.765	0.999	-0.1	01/31/2025	16:37

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Run Number: LB134511

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	7.43	1.94	0.000	0.385	0.385	0.503	01/31/2025	16:38
2	ICB		1	100	100	7.29	1.77	0.000	0.001	0.001	0.000	01/31/2025	16:39
3	CCV1	0.5	1	100	100	7.47	1.94	0.000	0.383	0.383	0.500	01/31/2025	16:40
4	CCB1		1	100	100	7.30	1.79	0.000	0.001	0.001	0.000	01/31/2025	16:41
5	RL Check	0.01	1	100	100	7.42	1.91	0.000	0.010	0.010	0.012	01/31/2025	16:42
6	PB166409BL		1	2.50	100	7.30	1.80	0.000	0.001	0.001	0.000	01/31/2025	16:43
7	PB166409BS	20	1	2.50	100	7.45	1.96	0.000	0.384	0.384	0.501	01/31/2025	16:44
8	Q1218-01		1	2.55	100	7.57	2.10	0.007	0.007	0.000	-0.001	01/31/2025	16:45
9	Q1219-01		1	2.57	100	7.58	2.06	0.006	0.007	0.001	0.000	01/31/2025	16:46
10	Q1220-01		1	2.53	100	7.66	2.18	0.007	0.007	0.000	-0.001	01/31/2025	16:47
11	Q1221-01		1	2.57	100	7.60	2.10	0.003	0.003	0.000	-0.001	01/31/2025	16:48
12	Q1239-01		1	2.55	100	7.61	2.15	0.007	0.013	0.006	0.007	01/31/2025	16:49
13	Q1239-04		1	2.55	100	7.67	2.09	0.009	0.009	0.000	-0.001	01/31/2025	16:50
14	Q1239-07		1	2.56	100	7.58	2.10	0.006	0.006	0.000	-0.001	01/31/2025	16:51
15	Q1239-10		1	2.52	100	7.60	2.16	0.006	0.007	0.001	0.000	01/31/2025	16:52
16	CCV2	0.5	1	100	100	7.43	1.96	0.000	0.386	0.386	0.504	01/31/2025	16:53
17	CCB2		1	100	100	7.28	1.75	0.000	0.000	0.000	-0.001	01/31/2025	16:54
18	Q1243-01		1	2.54	100	7.52	2.10	0.000	0.000	0.000	-0.001	01/31/2025	16:55
19	Q1243-01DU		1	2.54	100	7.53	2.13	0.000	0.000	0.000	-0.001	01/31/2025	16:56
20	Q1243-01MS	40	2	2.55	100	7.52	2.14	0.000	0.323	0.323	0.421	01/31/2025	16:57
21	Q1243-01MS	1284	40	2.54	100	7.54	2.10	0.000	0.601	0.601	0.785	01/31/2025	16:58
22	Q1243-01MS	40	2	2.54	100	7.57	2.16	0.000	0.381	0.381	0.497	01/31/2025	16:59
23	Q1244-01		1	2.57	100	7.60	2.20	0.004	0.004	0.000	-0.001	01/31/2025	17:00
24	Q1254-01		1	2.52	100	7.65	2.17	0.002	0.002	0.000	-0.001	01/31/2025	17:01
25	CCV3	0.5	1	100	100	7.47	1.92	0.000	0.385	0.385	0.503	01/31/2025	17:02
26	CCB3		1	100	100	7.24	1.80	0.000	0.001	0.001	0.000	01/31/2025	17:03