



Analytical Summary Report

Analysis Method: 7196A

ANALYST: RUBINA

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125848

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102848
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0009

Slope: 0.769

Regression: 0.999996

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	7.28	1.80	0.000	0.000	0.000	-0.00		06/08/2023	12:00
2	CAL2	0.01	1	100	100	7.41	1.92	0.000	0.008	0.008	0.009	-10	06/08/2023	12:01
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.021	0.021	0.026	4	06/08/2023	12:02
4	CAL4	0.05	1	100	100	7.36	1.88	0.000	0.039	0.039	0.049	-2	06/08/2023	12:03
5	CAL5	0.1	1	100	100	7.38	1.86	0.000	0.079	0.079	0.101	1	06/08/2023	12:04
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.385	0.385	0.499	-0.2	06/08/2023	12:05
7	CAL7	1	1	100	100	7.38	1.86	0.000	0.770	0.770	1.000	0	06/08/2023	12:06



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Run Number: LB125848

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	7.42	1.92	0.000	0.384	0.384	0.498	06/08/2023	12:07
2	ICB		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	06/08/2023	12:08
3	CCV1	0.5	1	100	100	7.42	1.90	0.000	0.383	0.383	0.497	06/08/2023	12:09
4	CCB1		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	06/08/2023	12:10
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.011	06/08/2023	12:11
6	PB153287BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	06/08/2023	12:12
7	PB153287BS	20	1	2.50	100	7.38	1.88	0.000	0.383	0.383	0.497	06/08/2023	12:13
8	O3049-01		1	2.52	100	7.58	2.08	0.009	0.010	0.001	0.000	06/08/2023	12:14
9	O3049-03		1	2.51	100	7.52	2.10	0.016	0.018	0.002	0.001	06/08/2023	12:15
10	O3050-01		1	2.53	100	7.62	2.06	0.011	0.012	0.001	0.000	06/08/2023	12:16
11	O3050-04		1	2.54	100	7.66	2.20	0.005	0.006	0.001	0.000	06/08/2023	12:17
12	O3068-01		1	2.53	100	7.70	2.10	0.020	0.022	0.002	0.001	06/08/2023	12:18
13	O3068-01DU		1	2.52	100	7.68	2.08	0.018	0.020	0.002	0.001	06/08/2023	12:19
14	O3068-01MS	40	2	2.53	100	7.66	2.10	0.015	0.169	0.154	0.199	06/08/2023	12:20
15	O3068-01MS	1284	40	2.52	100	7.66	2.08	0.000	0.521	0.521	0.676	06/08/2023	12:21
16	CCV2	0.5	1	100	100	7.42	1.90	0.000	0.385	0.385	0.499	06/08/2023	12:22
17	CCB2		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	06/08/2023	12:23
18	O3068-01MS	40	2	2.51	100	7.62	2.08	0.024	0.323	0.299	0.388	06/08/2023	12:24
19	O3092-01		1	2.52	100	7.62	2.18	0.027	0.028	0.001	0.000	06/08/2023	12:25
20	O3092-04		1	2.54	100	7.68	2.28	0.014	0.016	0.002	0.001	06/08/2023	12:26
21	O3093-01		1	2.52	100	7.52	2.22	0.012	0.014	0.002	0.001	06/08/2023	12:27
22	O3096-01		1	2.53	100	7.62	2.10	0.006	0.007	0.001	0.000	06/08/2023	12:28
23	O3096-04		1	2.52	100	7.60	2.06	0.008	0.009	0.001	0.000	06/08/2023	12:29
24	CCV3	0.5	1	100	100	7.40	1.90	0.000	0.385	0.385	0.499	06/08/2023	12:30
25	CCB3		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	06/08/2023	12:31