



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129821

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106884
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0011

Slope: 0.7664

Regression: 0.999994

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	7.26	1.76	0.000	0.000	0.000	-0.00		03/08/2024	12:15
2	CAL2	0.01	1	100	100	7.35	1.85	0.000	0.008	0.008	0.009	-10	03/08/2024	12:16
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	03/08/2024	12:17
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.040	0.040	0.050	0	03/08/2024	12:18
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	03/08/2024	12:19
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.383	0.383	0.498	-0.4	03/08/2024	12:20
7	CAL7	1	1	100	100	7.35	1.87	0.000	0.768	0.768	1.000	0	03/08/2024	12:21



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Run Number: LB129821

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	7.41	1.90	0.000	0.385	0.385	0.501	03/08/2024	12:22
2	ICB		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	03/08/2024	12:23
3	CCV1	0.5	1	100	100	7.43	1.50	0.000	0.384	0.384	0.500	03/08/2024	12:24
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	03/08/2024	12:25
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.012	03/08/2024	12:26
6	PB159494BL		1	2.50	100	7.27	1.74	0.000	0.001	0.001	0.000	03/08/2024	12:27
7	PB159494BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.502	03/08/2024	12:28
8	P1688-01		1	2.51	100	7.52	2.08	0.024	0.026	0.002	0.001	03/08/2024	12:29
9	P1688-02		1	2.52	100	7.41	2.05	0.020	0.029	0.009	0.010	03/08/2024	12:30
10	P1688-02DU		1	2.54	100	7.40	2.06	0.020	0.029	0.009	0.010	03/08/2024	12:31
11	P1688-02MS	40	2	2.53	100	7.54	2.09	0.006	0.297	0.291	0.378	03/08/2024	12:32
12	P1688-02MS	1284	40	2.53	100	7.52	2.00	0.000	0.502	0.502	0.654	03/08/2024	12:33
13	P1688-02MS	40	2	2.54	100	7.54	2.04	0.007	0.387	0.380	0.494	03/08/2024	12:34
14	P1688-03		1	2.52	100	7.58	2.07	0.015	0.020	0.005	0.005	03/08/2024	12:35
15	P1688-04		1	2.50	100	7.52	2.12	0.019	0.022	0.003	0.002	03/08/2024	12:36
16	CCV2	0.5	1	100	100	7.41	1.92	0.000	0.385	0.385	0.501	03/08/2024	12:37
17	CCB2		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	03/08/2024	12:38
18	P1688-05		1	2.52	100	7.38	2.16	0.028	0.029	0.001	0.000	03/08/2024	12:39
19	P1701-01		1	2.50	100	7.27	2.09	0.023	0.025	0.002	0.001	03/08/2024	12:40
20	P1701-02		1	2.53	100	7.24	2.08	0.025	0.026	0.001	0.000	03/08/2024	12:41
21	P1701-03		1	2.52	100	7.40	2.07	0.007	0.008	0.001	0.000	03/08/2024	12:42
22	P1710-01		1	2.54	100	7.43	2.10	0.023	0.025	0.002	0.001	03/08/2024	12:43
23	CCV3	0.5	1	100	100	7.41	1.92	0.000	0.385	0.385	0.501	03/08/2024	12:44
24	CCB3		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	03/08/2024	12:45