



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130046

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107121
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0017

Slope: 0.7637

Regression: 0.999993

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		03/27/2024	12:30
2	CAL2	0.01	1	100	100	7.35	1.85	0.000	0.009	0.009	0.009	-10	03/27/2024	12:31
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	03/27/2024	12:32
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.040	0.040	0.050	0	03/27/2024	12:33
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.080	0.080	0.102	2	03/27/2024	12:34
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.384	0.384	0.500	0	03/27/2024	12:35
7	CAL7	1	1	100	100	7.35	1.87	0.000	0.765	0.765	0.999	-0.1	03/27/2024	12:36



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Run Number: LB130046

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	0.384	0.384	0.501	03/27/2024	12:37
2	ICB		1	100	100	7.28	1.78	0.000	0.001	0.001	-0.001	03/27/2024	12:38
3	CCV1	0.5	1	100	100	7.43	1.50	0.000	0.384	0.384	0.501	03/27/2024	12:39
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	-0.001	03/27/2024	12:40
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.011	03/27/2024	12:41
6	PB159797BL		1	2.50	100	7.27	1.74	0.000	0.001	0.001	-0.001	03/27/2024	12:42
7	PB159797BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.503	03/27/2024	12:43
8	P1869-01		1	2.51	100	7.50	2.08	0.008	0.010	0.002	0.000	03/27/2024	12:44
9	P1869-04		1	2.53	100	7.38	2.09	0.007	0.009	0.002	0.000	03/27/2024	12:45
10	P1869-07		1	2.54	100	7.54	2.12	0.007	0.009	0.002	0.000	03/27/2024	12:46
11	P1869-10		1	2.52	100	7.52	2.05	0.005	0.007	0.002	0.000	03/27/2024	12:47
12	P1869-13		1	2.51	100	7.50	2.04	0.001	0.002	0.001	-0.001	03/27/2024	12:48
13	P1870-01		1	2.53	100	7.43	2.05	0.020	0.022	0.002	0.000	03/27/2024	12:49
14	P1876-01		1	2.52	100	7.38	2.04	0.018	0.019	0.001	-0.001	03/27/2024	12:50
15	P1876-01DU		1	2.54	100	7.38	2.03	0.019	0.020	0.001	-0.001	03/27/2024	12:51
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.385	0.385	0.502	03/27/2024	12:52
17	CCB2		1	100	100	7.28	1.77	0.000	0.001	0.001	-0.001	03/27/2024	12:53
18	P1876-01MS	40	2	2.53	100	7.54	2.09	0.007	0.301	0.294	0.383	03/27/2024	12:54
19	P1876-01MS	1284	40	2.53	100	2.00	2.00	0.000	0.628	0.628	0.820	03/27/2024	12:55
20	P1876-01MS	40	2	2.54	100	7.51	2.04	0.006	0.313	0.307	0.400	03/27/2024	12:56
21	CCV3	0.5	1	100	100	7.42	1.92	0.000	0.385	0.385	0.502	03/27/2024	12:57
22	CCB3		1	100	100	7.25	1.77	0.000	0.001	0.001	-0.001	03/27/2024	12:58