



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130026

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: 0.0014

Slope: 0.7676

Regression: 0.999997

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	1.75	0.000	0.000	0.000	-0.00		03/26/2024	10:45
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.010	0.010	0.011	10	03/26/2024	10:46
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.021	0.021	0.025	0	03/26/2024	10:47
4	CAL4	0.05	1	100	100	7.35	1.87	0.000	0.040	0.040	0.050	0	03/26/2024	10:48
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.078	0.078	0.099	-1	03/26/2024	10:49
6	CAL6	0.5	1	100	100	7.39	1.85	0.000	0.385	0.385	0.499	-0.2	03/26/2024	10:50
7	CAL7	1	1	100	100	7.37	1.86	0.000	0.769	0.769	1	0	03/26/2024	10:51



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Run Number: LB130026

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	1.92	0.000	0.384	0.384	0.498	03/26/2024	10:52
2	ICB		1	100	100	7.25	1.77	0.000	0.001	0.001	-0.001	03/26/2024	10:53
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.497	03/26/2024	10:54
4	CCB1		1	100	100	7.27	1.74	0.000	0.001	0.001	-0.001	03/26/2024	10:55
5	RL Check	0.01	1	100	100	7.40	1.92	0.000	0.010	0.010	0.011	03/26/2024	10:56
6	PB159752BL		1	2.50	100	7.28	1.78	0.000	0.001	0.001	-0.001	03/26/2024	10:57
7	PB159752BS	20	1	2.50	100	7.42	1.92	0.000	0.386	0.386	0.501	03/26/2024	10:58
8	P1829-01		1	2.51	100	7.62	2.06	0.001	0.002	0.001	-0.001	03/26/2024	10:59
9	P1829-01DU		1	2.52	100	7.58	2.10	0.008	0.009	0.001	-0.001	03/26/2024	11:00
10	P1829-01MS	40	2	2.51	100	7.56	2.08	0.003	0.372	0.369	0.479	03/26/2024	11:01
11	P1829-01MS	1284	40	2.53	100	7.58	2.00	0.000	0.563	0.563	0.732	03/26/2024	11:02
12	P1829-01MS	40	2	2.52	100	7.60	2.12	0.006	0.384	0.378	0.491	03/26/2024	11:03
13	P1831-01		1	2.53	100	7.52	2.08	0.006	0.008	0.002	0.001	03/26/2024	11:04
14	P1863-02		1	2.52	100	7.56	2.10	0.017	0.019	0.002	0.001	03/26/2024	11:05
15	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.384	0.384	0.498	03/26/2024	11:06
16	CCB2		1	100	100	7.24	1.74	0.000	0.001	0.001	-0.001	03/26/2024	11:07