



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129869

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		03/13/2024	15:15
2	CAL2	0.01	1	100	100	7.35	1.85	0.000	0.008	0.008	0.009	-10	03/13/2024	15:16
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	03/13/2024	15:17
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.040	0.040	0.050	0	03/13/2024	15:18
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	03/13/2024	15:19
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.383	0.383	0.498	-0.4	03/13/2024	15:20
7	CAL7	1	1	100	100	7.35	1.87	0.000	0.768	0.768	1.000	0	03/13/2024	15:21



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Run Number: LB129869

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	03/13/2024	15:22
2	ICB		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	03/13/2024	15:23
3	CCV1	0.5	1	100	100	7.43	1.50	0.000	0.384	0.384	0.500	03/13/2024	15:24
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	03/13/2024	15:25
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.012	03/13/2024	15:26
6	PB159569BL		1	2.50	100	7.27	1.74	0.000	0.001	0.001	0.000	03/13/2024	15:27
7	PB159569BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.502	03/13/2024	15:28
8	P1725-01		1	2.51	100	7.28	2.08	0.016	0.018	0.002	0.001	03/13/2024	15:29
9	P1725-01DU		1	2.54	100	7.29	2.05	0.021	0.023	0.002	0.001	03/13/2024	15:30
10	P1725-01MS	40	2	2.53	100	7.54	2.09	0.019	0.249	0.230	0.299	03/13/2024	15:31
11	P1725-01MS	1284	40	2.53	100	2.00	2.00	0.000	0.489	0.489	0.637	03/13/2024	15:32
12	P1725-01MS	40	2	2.54	100	2.04	2.04	0.012	0.171	0.159	0.206	03/13/2024	15:33
13	P1733-01		1	2.52	100	7.50	2.06	0.022	0.023	0.001	0.000	03/13/2024	15:34
14	P1733-05		1	2.53	100	7.52	2.09	0.030	0.035	0.005	0.005	03/13/2024	15:35
15	P1733-09		1	2.53	100	7.38	2.12	0.029	0.030	0.001	0.000	03/13/2024	15:36
16	CCV2	0.5	1	100	100	7.41	1.92	0.000	0.385	0.385	0.501	03/13/2024	15:37
17	CCB2		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	03/13/2024	15:38