



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129918

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106982
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		03/18/2024	11:00
2	CAL2	0.01	1	100	100	7.35	1.85	0.000	0.008	0.008	0.009	-10	03/18/2024	11:01
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	03/18/2024	11:02
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.040	0.040	0.050	0	03/18/2024	11:03
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	03/18/2024	11:04
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.383	0.383	0.498	-0.4	03/18/2024	11:05
7	CAL7	1	1	100	100	7.35	1.87	0.000	0.768	0.768	1.000	0	03/18/2024	11:06



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Run Number: LB129918

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	03/18/2024	11:07
2	ICB		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	03/18/2024	11:08
3	CCV1	0.5	1	100	100	7.43	1.50	0.000	0.384	0.384	0.500	03/18/2024	11:09
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	03/18/2024	11:10
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.012	03/18/2024	11:11
6	PB159630BL		1	2.50	100	7.27	1.74	0.000	0.001	0.001	0.000	03/18/2024	11:12
7	PB159630BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.502	03/18/2024	11:13
8	P1326-03		1	2.51	100	7.50	2.08	0.012	0.013	0.001	0.000	03/18/2024	11:14
9	P1764-10		1	2.52	100	7.52	2.09	0.013	0.015	0.002	0.001	03/18/2024	11:15
10	P1764-11		1	2.53	100	7.38	2.12	0.006	0.009	0.003	0.002	03/18/2024	11:16
11	P1764-11DU		1	2.54	100	7.29	2.05	0.010	0.011	0.001	0.000	03/18/2024	11:17
12	P1764-11MS	40	2	2.53	100	7.54	2.09	0.023	0.422	0.399	0.519	03/18/2024	11:18
13	P1764-11MS	1284	40	2.53	100	2.00	2.00	0.000	0.561	0.561	0.731	03/18/2024	11:19
14	P1764-11MS	40	2	2.54	100	2.04	2.04	0.011	0.319	0.308	0.400	03/18/2024	11:20
15	P1767-01		1	2.52	100	7.52	2.05	0.027	0.029	0.002	0.001	03/18/2024	11:21
16	CCV2	0.5	1	100	100	7.41	1.92	0.000	0.385	0.385	0.501	03/18/2024	11:22
17	CCB2		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	03/18/2024	11:23