

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130331

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107386
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		04/16/2024	12:00
2	CAL2	0.01	1	100	100	7.35	1.85	0.000	0.009	0.009	0.009	-10	04/16/2024	12:01
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	04/16/2024	12:02
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.040	0.040	0.050	0	04/16/2024	12:03
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.080	0.080	0.102	2	04/16/2024	12:04
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.384	0.384	0.500	0	04/16/2024	12:05
7	CAL7	1	1	100	100	7.35	1.87	0.000	0.765	0.765	0.999	-0.1	04/16/2024	12:06



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Run Number: LB130331

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	04/16/2024	12:07
2	ICB		1	100	100	7.28	1.78	0.000	0.001	0.001	-0.001	04/16/2024	12:08
3	CCV1	0.5	1	100	100	7.43	1.50	0.000	0.384	0.384	0.501	04/16/2024	12:09
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	-0.001	04/16/2024	12:10
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.011	04/16/2024	12:11
6	PB160274BL		1	2.50	100	7.27	1.74	0.000	0.001	0.001	-0.001	04/16/2024	12:12
7	PB160274BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.503	04/16/2024	12:13
8	P2090-01		1	2.52	100	7.38	2.08	0.021	0.022	0.001	-0.001	04/16/2024	12:14
9	P2114-01		1	2.51	100	7.39	2.06	0.002	0.004	0.002	0.000	04/16/2024	12:15
10	P2114-01DU		1	2.52	100	7.38	2.07	0.003	0.004	0.001	-0.001	04/16/2024	12:16
11	P2114-01MS	40	2	2.51	100	7.54	2.07	0.007	0.298	0.291	0.379	04/16/2024	12:17
12	P2114-01MS	1284	40	2.52	100	2.00	2.00	0.000	0.706	0.706	0.922	04/16/2024	12:18
13	P2114-01MS	40	2	2.51	100	7.51	2.08	0.008	0.348	0.340	0.443	04/16/2024	12:19
14	P2124-01		1	2.52	100	7.28	2.04	0.025	0.027	0.002	0.000	04/16/2024	12:20
15	P2124-02		1	2.51	100	7.38	2.06	0.024	0.026	0.002	0.000	04/16/2024	12:21
16	CCV2	0.5	1	100	100	7.28	1.92	0.000	0.385	0.385	0.502	04/16/2024	12:22
17	CCB2		1	100	100	7.28	1.77	0.000	0.001	0.001	-0.001	04/16/2024	12:23
18	P2125-01		1	2.52	100	7.50	2.12	0.019	0.021	0.002	0.000	04/16/2024	12:24
19	P2125-02		1	2.51	100	7.51	2.06	0.027	0.029	0.002	0.000	04/16/2024	12:25
20	P2126-01		1	2.52	100	7.41	2.06	0.027	0.029	0.002	0.000	04/16/2024	12:26
21	P2126-04		1	2.51	100	7.43	2.04	0.026	0.028	0.002	0.000	04/16/2024	12:27
22	P2126-07		1	2.52	100	7.42	2.09	0.028	0.029	0.001	-0.001	04/16/2024	12:28
23	P2127-01		1	2.51	100	7.54	2.07	0.023	0.025	0.002	0.000	04/16/2024	12:29
24	P2127-04		1	2.53	100	7.55	2.09	0.020	0.022	0.002	0.000	04/16/2024	12:30
25	CCV3	0.5	1	100	100	7.42	1.92	0.000	0.385	0.385	0.502	04/16/2024	12:31
26	CCB3		1	100	100	7.25	1.77	0.000	0.001	0.001	-0.001	04/16/2024	12:32