

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130281

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		04/11/2024	13:45
2	CAL2	0.01	1	100	100	7.35	1.85	0.000	0.009	0.009	0.009	-10	04/11/2024	13:46
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	04/11/2024	13:47
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.040	0.040	0.050	0	04/11/2024	13:48
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.080	0.080	0.102	2	04/11/2024	13:49
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.384	0.384	0.500	0	04/11/2024	13:50
7	CAL7	1	1	100	100	7.35	1.87	0.000	0.765	0.765	0.999	-0.1	04/11/2024	13:51



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Run Number: LB130281

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	04/11/2024	13:52
2	ICB		1	100	100	7.28	1.78	0.000	0.001	0.001	-0.001	04/11/2024	13:53
3	CCV1	0.5	1	100	100	7.43	1.50	0.000	0.384	0.384	0.501	04/11/2024	13:54
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	-0.001	04/11/2024	13:55
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.011	04/11/2024	13:56
6	PB160171BL		1	2.50	100	7.27	1.74	0.000	0.001	0.001	-0.001	04/11/2024	13:57
7	PB160171BS	20	1	2.50	100	7.43	2.08	0.000	0.386	0.386	0.503	04/11/2024	13:58
8	P2070-01		1	2.52	100	7.38	2.09	0.008	0.010	0.002	0.000	04/11/2024	13:59
9	P2070-03		1	2.51	100	7.42	2.12	0.020	0.023	0.003	0.002	04/11/2024	14:00
10	P2070-05		1	2.52	100	7.42	2.09	0.006	0.008	0.002	0.000	04/11/2024	14:01
11	P2070-07		1	2.54	100	7.50	2.04	0.022	0.023	0.001	-0.001	04/11/2024	14:02
12	P2070-09		1	2.53	100	7.38	2.05	0.011	0.013	0.002	0.000	04/11/2024	14:03
13	P2071-01		1	2.51	100	7.38	2.05	0.008	0.010	0.002	0.000	04/11/2024	14:04
14	P2071-01DU		1	2.52	100	7.38	2.03	0.009	0.010	0.001	-0.001	04/11/2024	14:05
15	P2071-01MS	40	2	2.51	100	7.54	2.09	0.028	0.360	0.332	0.432	04/11/2024	14:06
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.385	0.385	0.502	04/11/2024	14:07
17	CCB2		1	100	100	7.28	1.77	0.000	0.001	0.001	-0.001	04/11/2024	14:08
18	P2071-01MS	1284	40	2.52	100	2.00	2.00	0.000	0.502	0.502	0.655	04/11/2024	14:09
19	P2071-01MS	40	2	2.51	100	7.51	2.04	0.025	0.380	0.355	0.463	04/11/2024	14:10
20	CCV3	0.5	1	100	100	7.42	1.92	0.000	0.385	0.385	0.502	04/11/2024	14:11
21	CCB3		1	100	100	7.25	1.77	0.000	0.001	0.001	-0.001	04/11/2024	14:12