

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130470

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107512
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.001

Slope: 0.7648

Regression: 0.999995

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	7.34	1.84	0.000	0.000	0.000	-0.00		04/24/2024	11:00
2	CAL2	0.01	1	100	100	7.26	1.75	0.000	0.008	0.008	0.009	-10	04/24/2024	11:01
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.020	0.020	0.024	-4	04/24/2024	11:02
4	CAL4	0.05	1	100	100	7.37	1.83	0.000	0.040	0.040	0.050	0	04/24/2024	11:03
5	CAL5	0.1	1	100	100	7.35	1.85	0.000	0.078	0.078	0.100	0	04/24/2024	11:04
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.385	0.385	0.502	0.4	04/24/2024	11:05
7	CAL7	1	1	100	100	7.35	1.86	0.000	0.765	0.765	0.998	-0.2	04/24/2024	11:06



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Run Number: LB130470

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	0.502	04/24/2024	11:07
2	ICB		1	100	100	7.30	1.79	0.000	0.001	0.001	0.000	04/24/2024	11:08
3	CCV1	0.5	1	100	100	7.41	1.50	0.000	0.385	0.385	0.502	04/24/2024	11:09
4	CCB1		1	100	100	7.29	1.76	0.000	0.001	0.001	0.000	04/24/2024	11:10
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.010	0.010	0.012	04/24/2024	11:11
6	PB160452BL		1	2.50	100	7.29	1.74	0.000	0.001	0.001	0.000	04/24/2024	11:12
7	PB160452BS	20	1	2.50	100	7.41	1.92	0.000	0.385	0.385	0.502	04/24/2024	11:13
8	P2225-01		1	2.56	100	7.38	2.04	0.011	0.013	0.002	0.001	04/24/2024	11:14
9	P2225-01DU		1	2.54	100	7.38	2.03	0.003	0.004	0.001	0.000	04/24/2024	11:15
10	P2225-01MS	40	2	2.53	100	7.41	2.09	0.006	0.319	0.313	0.408	04/24/2024	11:16
11	P2225-01MS	1284	40	2.54	100	2.00	2.00	0.000	0.509	0.509	0.664	04/24/2024	11:17
12	P2225-01MS	40	2	2.52	100	7.50	2.08	0.003	0.387	0.384	0.501	04/24/2024	11:18
13	P2247-01		1	2.54	100	7.51	2.06	0.013	0.040	0.027	0.034	04/24/2024	11:19
14	P2247-04		1	5.52	100	7.38	2.03	0.009	0.024	0.015	0.018	04/24/2024	11:20
15	CCV2	0.5	1	100	100	7.42	1.50	0.000	0.385	0.385	0.502	04/24/2024	11:21
16	CCB2		1	100	100	7.28	1.76	0.000	0.001	0.001	0.000	04/24/2024	11:22