



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129739

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106774
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		03/01/2024	10:45
2	CAL2	0.01	1	100	100	7.35	1.85	0.000	0.008	0.008	0.009	-10	03/01/2024	10:46
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	03/01/2024	10:47
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.040	0.040	0.050	0	03/01/2024	10:48
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	03/01/2024	10:49
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.383	0.383	0.498	-0.4	03/01/2024	10:50
7	CAL7	1	1	100	100	7.35	1.87	0.000	0.768	0.768	1.000	0	03/01/2024	10:51



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Run Number: LB129739

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	03/01/2024	10:52
2	ICB		1	100	100	7.24	1.78	0.000	0.001	0.001	0.000	03/01/2024	10:53
3	CCV1	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.498	03/01/2024	10:54
4	CCB1		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	03/01/2024	10:55
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.012	03/01/2024	10:56
6	PB159390BL		1	2.50	100	7.27	1.74	0.000	0.001	0.001	0.000	03/01/2024	10:57
7	PB159390BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.502	03/01/2024	10:58
8	P1621-01		1	2.51	100	7.52	2.08	0.003	0.004	0.001	0.000	03/01/2024	10:59
9	P1621-01DU		1	2.54	100	7.56	2.06	0.013	0.015	0.002	0.001	03/01/2024	11:00
10	P1621-01MS	40	2	2.53	100	7.54	2.08	0.000	0.215	0.215	0.279	03/01/2024	11:01
11	P1621-01MS	1284	40	2.53	100	7.52	2.04	0.001	0.486	0.485	0.631	03/01/2024	11:02
12	P1621-01MS	40	2	2.54	100	7.54	2.08	0.000	0.279	0.279	0.363	03/01/2024	11:03
13	P1621-03		1	2.52	100	7.62	2.10	0.002	0.004	0.002	0.001	03/01/2024	11:04
14	P1659-01		1	2.55	100	7.58	2.06	0.004	0.006	0.002	0.001	03/01/2024	11:05
15	P1659-05		1	2.51	100	7.60	2.14	0.007	0.008	0.001	0.000	03/01/2024	11:06
16	CCV2	0.5	1	100	100	7.41	1.92	0.000	0.384	0.384	0.500	03/01/2024	11:07
17	CCB2		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	03/01/2024	11:08