



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129261

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106305
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
HEX LOD STD, 0.005PPM	WP106303
Hexchrome Cleaning Solution	WP106152
Hex LOQ Std, 0.01PPM	WP106304

Intercept: 0.001

Slope: 0.7633

Regression: 0.999998

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	7.85	1.87	0.000	0.000	0.000	-0.00		01/26/2024	12:30
2	CAL2	0.01	1	100	100	7.82	1.85	0.000	0.009	0.009	0.010	0	01/26/2024	12:31
3	CAL3	0.025	1	100	100	7.60	1.76	0.000	0.020	0.020	0.024	-4	01/26/2024	12:32
4	CAL4	0.05	1	100	100	7.65	1.91	0.000	0.039	0.039	0.049	-2	01/26/2024	12:33
5	CAL5	0.1	1	100	100	7.40	1.93	0.000	0.078	0.078	0.100	0	01/26/2024	12:34
6	CAL6	0.5	1	100	100	7.45	1.82	0.000	0.383	0.383	0.500	0	01/26/2024	12:35
7	CAL7	1	1	100	100	7.52	1.54	0.000	0.764	0.764	0.999	-0.1	01/26/2024	12:36



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Run Number: LB129261

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	7.65	1.85	0.000	0.383	0.383	0.500	01/26/2024	12:37
2	ICB		1	100	100	7.66	1.85	0.000	0.001	0.001	0.000	01/26/2024	12:38
3	CCV1	0.5	1	100	100	7.28	1.76	0.000	0.385	0.385	0.503	01/26/2024	12:39
4	CCB1		1	100	100	7.45	1.91	0.000	0.000	0.000	-0.001	01/26/2024	12:40
5	RL Check	0.01	1	100	100	7.54	1.93	0.000	0.009	0.009	0.010	01/26/2024	12:41
6	PB158613BL		1	2.50	100	7.44	1.82	0.000	0.001	0.001	0.000	01/26/2024	12:42
7	PB158613BS	20	1	2.50	100	7.75	1.54	0.000	0.382	0.382	0.499	01/26/2024	12:43
8	P1187-01		1	2.50	100	7.75	2.21	0.000	0.005	0.005	0.005	01/26/2024	12:44
9	P1187-02		1	2.50	100	7.65	2.30	0.000	0.009	0.009	0.010	01/26/2024	12:45
10	P1240-01		1	2.53	100	7.56	2.19	0.008	0.010	0.002	0.001	01/26/2024	12:46
11	P1240-01DU		1	2.54	100	7.52	2.10	0.009	0.010	0.001	0.000	01/26/2024	12:47
12	P1240-01MS	40	2	2.55	100	7.56	2.06	0.005	0.327	0.322	0.421	01/26/2024	12:48
13	P1240-01MS	1284	40	2.52	100	7.45	2.16	0.000	0.565	0.565	0.739	01/26/2024	12:49
14	P1240-01MS	40	2	2.53	100	7.58	2.08	0.004	0.382	0.378	0.494	01/26/2024	12:50
15	P1240-04		1	2.54	100	7.54	2.10	0.005	0.006	0.001	0.000	01/26/2024	12:51
16	CCV2	0.5	1	100	100	7.43	2.10	0.000	0.384	0.384	0.502	01/26/2024	12:52
17	CCB2		1	100	100	7.33	2.09	0.000	0.001	0.001	0.000	01/26/2024	12:53
18	P1240-07		1	2.53	100	7.75	2.03	0.014	0.015	0.001	0.000	01/26/2024	12:54
19	P1242-01		1	2.52	100	7.38	1.89	0.006	0.008	0.002	0.001	01/26/2024	12:55
20	P1246-02		1	2.55	100	7.41	2.00	0.008	0.009	0.001	0.000	01/26/2024	12:56
21	CCV3	0.5	1	100	100	7.72	1.89	0.000	0.385	0.385	0.503	01/26/2024	12:57
22	CCB3		1	100	100	7.38	1.78	0.000	0.001	0.001	0.000	01/26/2024	12:58