



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129647

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106720
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

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	1.85	0.000	0.000	0.000	-0.00		02/23/2024	11:45
2	CAL2	0.01	1	100	100	7.82	1.76	0.000	0.009	0.009	0.010	0	02/23/2024	11:46
3	CAL3	0.025	1	100	100	7.54	1.54	0.000	0.020	0.020	0.024	-4	02/23/2024	11:47
4	CAL4	0.05	1	100	100	7.83	1.76	0.000	0.039	0.039	0.049	-2	02/23/2024	11:48
5	CAL5	0.1	1	100	100	7.44	1.91	0.000	0.078	0.078	0.100	0	02/23/2024	11:49
6	CAL6	0.5	1	100	100	7.75	1.93	0.000	0.383	0.383	0.500	0	02/23/2024	11:50
7	CAL7	1	1	100	100	7.56	1.82	0.000	0.764	0.764	0.999	-0.1	02/23/2024	11:51



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Run Number: LB129647

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	0.381	0.381	0.498	02/23/2024	11:52
2	ICB		1	100	100	7.66	1.85	0.000	0.001	0.001	0.000	02/23/2024	11:53
3	CCV1	0.5	1	100	100	7.28	1.76	0.000	0.385	0.385	0.503	02/23/2024	11:54
4	CCB1		1	100	100	7.45	1.91	0.000	0.001	0.001	0.000	02/23/2024	11:55
5	RL Check	0.01	1	100	100	7.54	1.93	0.000	0.009	0.009	0.010	02/23/2024	11:56
6	PB159223BL		1	2.50	100	7.44	1.82	0.000	0.000	0.000	-0.001	02/23/2024	11:57
7	PB159223BS	20	1	2.50	100	7.75	1.54	0.000	0.386	0.386	0.504	02/23/2024	11:58
8	P1538-01		1	2.50	100	7.65	2.21	0.029	0.030	0.001	0.000	02/23/2024	11:59
9	P1538-02		1	2.52	100	7.54	2.30	0.016	0.018	0.002	0.001	02/23/2024	12:00
10	P1538-03		1	2.54	100	7.43	2.10	0.021	0.023	0.002	0.001	02/23/2024	12:01
11	P1538-04		1	2.55	100	7.54	2.16	0.017	0.019	0.002	0.001	02/23/2024	12:02
12	P1538-05		1	2.53	100	7.44	2.08	0.019	0.021	0.002	0.001	02/23/2024	12:03
13	P1538-06		1	2.52	100	7.43	2.16	0.017	0.018	0.001	0.000	02/23/2024	12:04
14	P1538-06DU		1	2.51	100	7.52	1.89	0.016	0.017	0.001	0.000	02/23/2024	12:05
15	P1538-06MS	40	2	2.53	100	7.74	1.89	0.012	0.013	0.001	0.000	02/23/2024	12:06
16	CCV2	0.5	1	100	100	7.43	2.10	0.000	0.385	0.385	0.503	02/23/2024	12:07
17	CCB2		1	100	100	7.33	2.09	0.000	0.001	0.001	0.000	02/23/2024	12:08
18	P1538-06MS	1284	40	2.52	100	7.82	2.00	0.000	0.004	0.004	0.004	02/23/2024	12:09
19	P1538-06MS	40	2	2.53	100	7.54	1.78	0.016	0.018	0.002	0.001	02/23/2024	12:10
20	P1538-09		1	2.52	100	7.33	1.82	0.007	0.008	0.001	0.000	02/23/2024	12:11
21	P1538-10		1	2.56	100	7.58	2.21	0.008	0.010	0.002	0.001	02/23/2024	12:12
22	P1538-11		1	2.52	100	7.72	2.19	0.014	0.016	0.002	0.001	02/23/2024	12:13
23	P1538-12		1	2.50	100	7.38	2.16	0.004	0.005	0.001	0.000	02/23/2024	12:14
24	P1538-13		1	2.52	100	7.41	2.10	0.015	0.016	0.001	0.000	02/23/2024	12:15
25	P1538-14		1	2.51	100	7.58	2.08	0.003	0.004	0.001	0.000	02/23/2024	12:16
26	P1538-14DU		1	2.51	100	7.52	1.89	0.016	0.017	0.001	0.000	02/23/2024	12:17
27	P1538-14MS	40	2	2.53	100	7.74	1.78	0.012	0.213	0.201	0.262	02/23/2024	12:18
28	CCV3	0.5	1	100	100	7.72	1.89	0.000	0.385	0.385	0.503	02/23/2024	12:19
29	CCB3		1	100	100	7.38	1.78	0.000	0.001	0.001	0.000	02/23/2024	12:20
30	P1538-14MS	1284	40	2.52	100	7.54	2.00	0.000	0.005	0.005	0.005	02/23/2024	12:21
31	P1538-14MS	40	2	2.53	100	7.54	1.78	0.011	0.012	0.001	0.000	02/23/2024	12:22
32	P1549-01		1	2.54	100	7.75	2.21	0.011	0.012	0.001	0.000	02/23/2024	12:23
33	P1549-03		1	2.55	100	7.65	2.06	0.008	0.009	0.001	0.000	02/23/2024	12:24
34	P1573-01		1	2.54	100	7.28	2.10	0.025	0.026	0.001	0.000	02/23/2024	12:25
35	CCV4	0.5	1	100	100	7.33	1.89	0.000	0.385	0.385	0.503	02/23/2024	12:26
36	CCB4		1	100	100	7.65	1.78	0.000	0.001	0.001	0.000	02/23/2024	12:27