



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129184

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106153
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0011

Slope: 0.7701

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	1.84	0.000	0.000	0.000	-0.00		01/19/2024	13:10
2	CAL2	0.01	1	100	100	7.38	1.54	0.000	0.008	0.008	0.008	-20	01/19/2024	13:11
3	CAL3	0.025	1	100	100	7.29	2.00	0.000	0.021	0.021	0.025	0	01/19/2024	13:12
4	CAL4	0.05	1	100	100	7.80	1.54	0.000	0.039	0.039	0.049	-2	01/19/2024	13:13
5	CAL5	0.1	1	100	100	7.48	1.76	0.000	0.080	0.080	0.102	2	01/19/2024	13:14
6	CAL6	0.5	1	100	100	7.70	1.58	0.000	0.386	0.386	0.499	-0.2	01/19/2024	13:15
7	CAL7	1	1	100	100	7.75	1.91	0.000	0.771	0.771	0.999	-0.1	01/19/2024	13:16



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Run Number: LB129184

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	7.85	1.87	0.000	0.386	0.386	0.500	01/19/2024	13:17
2	ICB		1	100	100	7.82	1.85	0.000	0.001	0.001	0.000	01/19/2024	13:18
3	CCV1	0.5	1	100	100	7.72	1.76	0.000	0.385	0.385	0.499	01/19/2024	13:19
4	CCB1		1	100	100	7.65	1.91	0.000	0.000	0.000	-0.001	01/19/2024	13:20
5	RL Check	0.01	1	100	100	7.41	1.93	0.000	0.009	0.009	0.010	01/19/2024	13:21
6	PB158475BL		1	2.50	100	7.65	1.82	0.000	0.001	0.001	0.000	01/19/2024	13:22
7	PB158475BS	20	1	2.50	100	7.38	1.54	0.000	0.382	0.382	0.495	01/19/2024	13:23
8	O5831-07		1	2.52	100	7.49	1.58	0.011	0.012	0.001	0.000	01/19/2024	13:24
9	P1159-01		1	2.53	100	7.52	2.21	0.008	0.009	0.001	0.000	01/19/2024	13:25
10	P1159-01DU		1	2.52	100	7.58	2.30	0.008	0.009	0.001	0.000	01/19/2024	13:26
11	P1159-01MS	40	2	2.54	100	7.66	2.19	0.007	0.368	0.361	0.467	01/19/2024	13:27
12	P1159-01MS	1284	40	2.55	100	7.28	2.05	0.000	0.565	0.565	0.732	01/19/2024	13:28
13	P1159-01MS	40	2	2.54	100	7.44	2.26	0.008	0.348	0.340	0.440	01/19/2024	13:29
14	P1169-01		1	2.53	100	7.54	2.26	0.016	0.018	0.002	0.001	01/19/2024	13:30
15	P1169-04		1	2.55	100	7.45	2.16	0.005	0.007	0.002	0.001	01/19/2024	13:31
16	CCV2	0.5	1	100	100	7.33	2.10	0.000	0.384	0.384	0.497	01/19/2024	13:32
17	CCB2		1	100	100	7.30	2.09	0.000	0.000	0.000	-0.001	01/19/2024	13:33
18	P1169-07		1	2.51	100	7.75	2.03	0.010	0.010	0.000	-0.001	01/19/2024	13:34
19	CCV3	0.5	1	100	100	7.65	1.89	0.000	0.385	0.385	0.499	01/19/2024	13:35
20	CCB3		1	100	100	7.38	2.00	0.000	0.001	0.001	0.000	01/19/2024	13:36