



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127786

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104678
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0008

Slope: 0.7663

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	7.28	1.75	0.000	0.000	0.000	-0.00		10/13/2023	12:50
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.008	0.008	0.009	-10	10/13/2023	12:51
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.020	0.020	0.025	0	10/13/2023	12:52
4	CAL4	0.05	1	100	100	7.36	1.87	0.000	0.040	0.040	0.051	2	10/13/2023	12:53
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.078	0.078	0.100	0	10/13/2023	12:54
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.384	0.384	0.500	0	10/13/2023	12:55
7	CAL7	1	1	100	100	7.38	1.88	0.000	0.767	0.767	0.999	-0.1	10/13/2023	12:56



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Run Number: LB127786

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	7.43	1.91	0.000	0.383	0.383	0.499	10/13/2023	12:57
2	ICB		1	100	100	7.26	1.77	0.000	0.001	0.001	0.000	10/13/2023	12:58
3	CCV1	0.5	1	100	100	7.44	1.94	0.000	0.385	0.385	0.501	10/13/2023	12:59
4	CCB1		1	100	100	7.27	1.75	0.000	0.001	0.001	0.000	10/13/2023	13:00
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.011	10/13/2023	13:01
6	PB156295BL		1	2.50	100	7.28	1.78	0.000	0.001	0.001	0.000	10/13/2023	13:02
7	PB156295BS	20	1	2.50	100	7.42	1.91	0.000	0.385	0.385	0.501	10/13/2023	13:03
8	O4668-07		1	2.52	100	7.58	2.08	0.008	0.024	0.016	0.020	10/13/2023	13:04
9	O4668-07DU		1	2.53	100	7.62	2.10	0.008	0.025	0.017	0.021	10/13/2023	13:05
10	O4668-07MS	40	2	2.53	100	7.60	2.06	0.006	0.361	0.355	0.462	10/13/2023	13:06
11	O4668-07MS	1284	40	2.52	100	7.58	2.06	0.000	0.589	0.589	0.768	10/13/2023	13:07
12	O4668-07MS	40	2	2.53	100	7.62	2.10	0.004	0.383	0.379	0.494	10/13/2023	13:08
13	O4798-01		1	2.52	100	7.58	2.10	0.001	0.002	0.001	0.000	10/13/2023	13:09
14	O4825-01		1	2.54	100	7.52	2.18	0.002	0.004	0.002	0.002	10/13/2023	13:10
15	O4844-01		1	2.55	100	7.56	2.20	0.004	0.006	0.002	0.002	10/13/2023	13:11
16	CCV2	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.499	10/13/2023	13:12
17	CCB2		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	10/13/2023	13:13
18	O4844-05		1	2.54	100	7.52	2.18	0.006	0.006	0.000	-0.001	10/13/2023	13:14
19	O4844-09		1	2.53	100	7.58	2.22	0.002	0.003	0.001	0.000	10/13/2023	13:15
20	O4844-13		1	2.53	100	7.64	2.20	0.001	0.002	0.001	0.000	10/13/2023	13:16
21	O4854-01		1	2.52	100	7.58	2.08	0.010	0.012	0.002	0.002	10/13/2023	13:17
22	O4858-01		1	2.55	100	7.60	2.10	0.016	0.016	0.000	-0.001	10/13/2023	13:18
23	O4858-04		1	2.54	100	7.66	2.18	0.002	0.004	0.002	0.002	10/13/2023	13:19
24	O4858-07		1	2.51	100	7.60	2.06	0.010	0.012	0.002	0.002	10/13/2023	13:20
25	CCV3	0.5	1	100	100	7.43	1.92	0.000	0.385	0.385	0.501	10/13/2023	13:21
26	CCB3		1	100	100	7.27	1.78	0.000	0.001	0.001	0.000	10/13/2023	13:22