



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128330

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP105333
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0015

Slope: 0.7639

Regression: 0.999991

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	1.77	0.000	0.000	0.000	-0.00		11/15/2023	12:00
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.008	0.008	0.008	-20	11/15/2023	12:01
3	CAL3	0.025	1	100	100	7.38	1.86	0.000	0.021	0.021	0.025	0	11/15/2023	12:02
4	CAL4	0.05	1	100	100	7.38	1.85	0.000	0.040	0.040	0.050	0	11/15/2023	12:03
5	CAL5	0.1	1	100	100	7.35	1.88	0.000	0.080	0.080	0.102	2	11/15/2023	12:04
6	CAL6	0.5	1	100	100	7.41	1.90	0.000	0.384	0.384	0.500	0	11/15/2023	12:05
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.765	0.765	0.999	-0.1	11/15/2023	12:06



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Run Number: LB128330

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	7.42	1.91	0.000	0.385	0.385	0.502	11/15/2023	12:07
2	ICB		1	100	100	7.26	1.75	0.000	0.001	0.001	-0.001	11/15/2023	12:08
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.499	11/15/2023	12:09
4	CCB1		1	100	100	7.25	1.78	0.000	0.001	0.001	-0.001	11/15/2023	12:10
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.010	11/15/2023	12:11
6	PB157101BL		1	2.50	100	7.27	1.76	0.000	0.001	0.001	-0.001	11/15/2023	12:12
7	PB157101BS	20	1	2.50	100	7.41	1.92	0.000	0.385	0.385	0.502	11/15/2023	12:13
8	O5376-01		1	2.56	100	7.62	2.08	0.006	0.010	0.004	0.003	11/15/2023	12:14
9	O5376-03		1	2.54	100	7.52	2.10	0.016	0.017	0.001	-0.001	11/15/2023	12:15
10	O5376-05		1	2.53	100	7.56	2.04	0.003	0.005	0.002	0.001	11/15/2023	12:16
11	O5384-01		1	2.54	100	7.58	2.14	0.009	0.009	0.000	-0.002	11/15/2023	12:17
12	O5384-03		1	2.53	100	7.56	2.08	0.009	0.010	0.001	-0.001	11/15/2023	12:18
13	O5384-05		1	2.56	100	7.52	2.12	0.008	0.009	0.001	-0.001	11/15/2023	12:19
14	O5384-05DU		1	2.55	100	7.54	2.10	0.006	0.008	0.002	0.001	11/15/2023	12:20
15	O5384-05MS	40	2	2.54	100	7.56	2.08	0.002	0.329	0.327	0.426	11/15/2023	12:21
16	CCV2	0.5	1	100	100	7.43	1.94	0.000	0.386	0.386	0.503	11/15/2023	12:22
17	CCB2		1	100	100	7.26	1.75	0.000	0.001	0.001	-0.001	11/15/2023	12:23
18	O5384-05MS	1284	40	2.55	100	7.54	2.10	0.000	0.538	0.538	0.702	11/15/2023	12:24
19	O5384-05MS	40	2	2.56	100	7.52	2.12	0.003	0.384	0.381	0.497	11/15/2023	12:25
20	O5388-01		1	2.53	100	7.62	2.08	0.006	0.008	0.002	0.001	11/15/2023	12:26
21	O5388-05		1	2.55	100	7.60	2.04	0.005	0.007	0.002	0.001	11/15/2023	12:27
22	O5402-01		1	2.53	100	7.52	2.18	0.025	0.025	0.000	-0.002	11/15/2023	12:28
23	O5412-01		1	2.53	100	7.58	2.08	0.006	0.008	0.002	0.001	11/15/2023	12:29
24	O5412-05		1	2.56	100	7.52	2.16	0.001	0.001	0.000	-0.002	11/15/2023	12:30
25	O5418-01		1	2.53	100	7.58	2.10	0.006	0.007	0.001	-0.001	11/15/2023	12:31
26	O5418-04		1	2.55	100	7.60	2.06	0.013	0.013	0.000	-0.002	11/15/2023	12:32
27	O5418-07		1	2.51	100	7.62	2.18	0.001	0.001	0.000	-0.002	11/15/2023	12:33
28	CCV3	0.5	1	100	100	7.43	1.93	0.000	0.383	0.383	0.499	11/15/2023	12:34
29	CCB3		1	100	100	7.28	1.75	0.000	0.001	0.001	-0.001	11/15/2023	12:35
30	O5432-01		1	2.54	100	7.52	2.08	0.005	0.006	0.001	-0.001	11/15/2023	12:36
31	O5432-05		1	2.55	100	7.62	2.06	0.020	0.022	0.002	0.001	11/15/2023	12:37
32	O5432-09		1	2.52	100	7.52	2.14	0.037	0.038	0.001	-0.001	11/15/2023	12:38
33	CCV4	0.5	1	100	100	7.44	1.94	0.000	0.384	0.384	0.501	11/15/2023	12:39
34	CCB4		1	100	100	7.27	1.76	0.000	0.001	0.001	-0.001	11/15/2023	12:40