



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127268

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104081
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0008

Slope: 0.7671

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	7.26	1.76	0.000	0.000	0.000	-0.00		09/13/2023	13:45
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.008	0.008	0.009	-10	09/13/2023	13:46
3	CAL3	0.025	1	100	100	7.38	1.86	0.000	0.021	0.021	0.026	4	09/13/2023	13:47
4	CAL4	0.05	1	100	100	7.36	1.88	0.000	0.039	0.039	0.049	-2	09/13/2023	13:48
5	CAL5	0.1	1	100	100	7.37	1.87	0.000	0.078	0.078	0.100	0	09/13/2023	13:49
6	CAL6	0.5	1	100	100	7.40	1.92	0.000	0.384	0.384	0.499	-0.2	09/13/2023	13:50
7	CAL7	1	1	100	100	7.38	1.86	0.000	0.768	0.768	1.000	0	09/13/2023	13:51



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Run Number: LB127268

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	0.501	09/13/2023	13:52
2	ICB		1	100	100	7.29	1.80	0.000	0.001	0.001	0.000	09/13/2023	13:53
3	CCV1	0.5	1	100	100	7.44	1.94	0.000	0.383	0.383	0.498	09/13/2023	13:54
4	CCB1		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	09/13/2023	13:55
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.009	0.009	0.011	09/13/2023	13:56
6	PB155474BL		1	2.50	100	7.28	1.77	0.000	0.001	0.001	0.000	09/13/2023	13:57
7	PB155474BS	20	1	2.50	100	7.41	1.92	0.000	0.385	0.385	0.501	09/13/2023	13:58
8	O4394-02		1	2.53	100	7.62	2.08	0.010	0.012	0.002	0.002	09/13/2023	13:59
9	O4394-04		1	2.54	100	7.60	2.06	0.010	0.012	0.002	0.002	09/13/2023	14:00
10	O4394-06		1	2.51	100	7.52	2.12	0.001	0.001	0.000	-0.001	09/13/2023	14:01
11	O4394-08		1	2.53	100	7.56	2.08	0.006	0.008	0.002	0.002	09/13/2023	14:02
12	O4394-10		1	2.54	100	7.58	2.04	0.003	0.004	0.001	0.000	09/13/2023	14:03
13	O4395-01		1	2.52	100	7.52	2.08	0.015	0.016	0.001	0.000	09/13/2023	14:04
14	O4397-02		1	2.54	100	7.62	2.14	0.005	0.007	0.002	0.002	09/13/2023	14:05
15	O4397-04		1	2.52	100	7.64	2.16	0.008	0.009	0.001	0.000	09/13/2023	14:06
16	CCV2	0.5	1	100	100	7.43	1.93	0.000	0.384	0.384	0.500	09/13/2023	14:07
17	CCB2		1	100	100	7.29	1.76	0.000	0.001	0.001	0.000	09/13/2023	14:08
18	O4397-06		1	2.51	100	7.56	2.10	0.002	0.003	0.001	0.000	09/13/2023	14:09
19	O4397-08		1	2.53	100	7.52	2.16	0.008	0.010	0.002	0.002	09/13/2023	14:10
20	O4399-01		1	2.53	100	7.60	2.08	0.005	0.014	0.009	0.011	09/13/2023	14:11
21	O4399-03		1	2.53	100	7.62	2.06	0.020	0.021	0.001	0.000	09/13/2023	14:12
22	O4399-05		1	2.51	100	7.68	2.10	0.018	0.020	0.002	0.002	09/13/2023	14:13
23	O4400-01		1	2.53	100	7.60	2.14	0.008	0.010	0.002	0.002	09/13/2023	14:14
24	O4401-01		1	2.52	100	7.52	2.12	0.010	0.012	0.002	0.002	09/13/2023	14:15
25	O4407-01		1	2.51	100	7.52	2.08	0.002	0.003	0.001	0.000	09/13/2023	14:16
26	O4407-01DU		1	2.52	100	7.52	2.08	0.003	0.004	0.001	0.000	09/13/2023	14:17
27	O4407-01MS	40	2	2.51	100	7.56	2.10	0.001	0.380	0.379	0.493	09/13/2023	14:18
28	CCV3	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.498	09/13/2023	14:19
29	CCB3		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	09/13/2023	14:20
30	O4407-01MS	1284	40	2.52	100	7.54	2.06	0.000	0.537	0.537	0.699	09/13/2023	14:21
31	O4407-01MS	40	2	2.51	100	7.54	2.08	0.003	0.393	0.390	0.507	09/13/2023	14:22
32	O4407-02		1	2.53	100	7.58	2.18	0.002	0.002	0.000	-0.001	09/13/2023	14:23
33	O4407-03		1	2.51	100	7.52	2.06	0.002	0.004	0.002	0.002	09/13/2023	14:24
34	CCV4	0.5	1	100	100	7.44	1.94	0.000	0.385	0.385	0.501	09/13/2023	14:25
35	CCB4		1	100	100	7.30	1.79	0.000	0.001	0.001	0.000	09/13/2023	14:26