



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127301

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104188
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.001

Slope: 0.7685

Regression: 0.999995

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		09/15/2023	08:45
2	CAL2	0.01	1	100	100	7.36	1.86	0.000	0.009	0.009	0.010	0	09/15/2023	08:46
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.020	0.020	0.024	-4	09/15/2023	08:47
4	CAL4	0.05	1	100	100	7.36	1.86	0.000	0.040	0.040	0.050	0	09/15/2023	08:48
5	CAL5	0.1	1	100	100	7.37	1.87	0.000	0.079	0.079	0.101	1	09/15/2023	08:49
6	CAL6	0.5	1	100	100	7.41	1.92	0.000	0.384	0.384	0.498	-0.4	09/15/2023	08:50
7	CAL7	1	1	100	100	7.38	1.88	0.000	0.770	0.770	1.000	0	09/15/2023	08:51



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Run Number: LB127301

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	0.383	0.383	0.497	09/15/2023	08:52
2	ICB		1	100	100	7.27	1.77	0.000	0.001	0.001	0.000	09/15/2023	08:53
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.385	0.385	0.500	09/15/2023	08:54
4	CCB1		1	100	100	7.26	1.79	0.000	0.001	0.001	0.000	09/15/2023	08:55
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.009	0.009	0.010	09/15/2023	08:56
6	PB155557BL		1	2.50	100	7.28	1.76	0.000	0.001	0.001	0.000	09/15/2023	08:57
7	PB155557BS	20	1	2.50	100	7.42	1.92	0.000	0.383	0.383	0.497	09/15/2023	08:58
8	O4409-01		1	2.52	100	7.62	2.08	0.012	0.014	0.002	0.001	09/15/2023	08:59
9	O4409-04		1	2.54	100	7.60	2.10	0.004	0.005	0.001	0.000	09/15/2023	09:00
10	O4409-07		1	2.51	100	7.52	2.08	0.009	0.010	0.001	0.000	09/15/2023	09:01
11	O4409-10		1	2.53	100	7.58	2.18	0.020	0.021	0.001	0.000	09/15/2023	09:02
12	O4409-13		1	2.54	100	7.52	2.06	0.013	0.014	0.001	0.000	09/15/2023	09:03
13	O4409-16		1	2.52	100	7.56	2.04	0.006	0.008	0.002	0.001	09/15/2023	09:04
14	O4423-01		1	2.52	100	7.52	2.10	0.012	0.014	0.002	0.001	09/15/2023	09:05
15	O4424-01		1	2.51	100	7.54	2.16	0.006	0.008	0.002	0.001	09/15/2023	09:06
16	CCV2	0.5	1	100	100	7.43	1.94	0.000	0.384	0.384	0.498	09/15/2023	09:07
17	CCB2		1	100	100	7.27	1.77	0.000	0.001	0.001	0.000	09/15/2023	09:08
18	O4436-02		1	2.51	100	7.62	2.08	0.002	0.004	0.002	0.001	09/15/2023	09:09
19	O4436-04		1	2.53	100	7.68	2.10	0.008	0.010	0.002	0.001	09/15/2023	09:10
20	O4436-06		1	2.53	100	7.52	2.20	0.010	0.012	0.002	0.001	09/15/2023	09:11
21	O4436-08		1	2.52	100	7.56	2.08	0.004	0.005	0.001	0.000	09/15/2023	09:12
22	O4436-10		1	2.53	100	7.60	2.06	0.037	0.038	0.001	0.000	09/15/2023	09:13
23	O4436-12		1	2.52	100	7.52	2.10	0.008	0.010	0.002	0.001	09/15/2023	09:14
24	O4436-14		1	2.51	100	7.62	2.08	0.014	0.016	0.002	0.001	09/15/2023	09:15
25	O4436-16		1	2.52	100	7.66	2.10	0.010	0.010	0.000	-0.001	09/15/2023	09:16
26	O4436-18		1	2.53	100	7.56	2.10	0.014	0.016	0.002	0.001	09/15/2023	09:17
27	O4436-20		1	2.51	100	7.52	2.04	0.016	0.016	0.000	-0.001	09/15/2023	09:18
28	CCV3	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.497	09/15/2023	09:19
29	CCB3		1	100	100	7.26	1.76	0.000	0.001	0.001	0.000	09/15/2023	09:20
30	O4441-02		1	2.52	100	7.54	2.10	0.002	0.004	0.002	0.001	09/15/2023	09:21
31	O4441-02DU		1	2.53	100	7.52	2.14	0.002	0.004	0.002	0.001	09/15/2023	09:22
32	O4441-02MS	40	2	2.52	100	7.56	2.08	0.002	0.378	0.376	0.488	09/15/2023	09:23
33	O4441-02MS	1284	40	2.53	100	7.52	2.06	0.000	0.597	0.597	0.776	09/15/2023	09:24
34	O4441-02MS	40	2	2.51	100	7.58	2.10	0.004	0.392	0.388	0.504	09/15/2023	09:25
35	O4446-01		1	2.53	100	7.62	2.18	0.012	0.014	0.002	0.001	09/15/2023	09:26
36	CCV4	0.5	1	100	100	7.44	1.94	0.000	0.385	0.385	0.500	09/15/2023	09:27
37	CCB4		1	100	100	7.28	1.79	0.000	0.001	0.001	0.000	09/15/2023	09:28