



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126531

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103343
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0008

Slope: 0.7635

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	1.80	0.000	0.000	0.000	-0.00		07/20/2023	12:00
2	CAL2	0.01	1	100	100	7.40	1.90	0.000	0.008	0.008	0.009	-10	07/20/2023	12:01
3	CAL3	0.025	1	100	100	7.38	1.87	0.000	0.020	0.020	0.025	0	07/20/2023	12:02
4	CAL4	0.05	1	100	100	7.37	1.87	0.000	0.039	0.039	0.050	0	07/20/2023	12:03
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.078	0.078	0.101	1	07/20/2023	12:04
6	CAL6	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.500	0	07/20/2023	12:05
7	CAL7	1	1	100	100	7.37	1.88	0.000	0.764	0.764	0.999	-0.1	07/20/2023	12:06



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Run Number: LB126531

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	1.92	0.000	0.384	0.384	0.502	07/20/2023	12:07
2	ICB		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	07/20/2023	12:08
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.383	0.383	0.501	07/20/2023	12:09
4	CCB1		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	07/20/2023	12:10
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.008	0.008	0.009	07/20/2023	12:11
6	PB154216BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	07/20/2023	12:12
7	PB154216BS	20	1	2.50	100	7.43	1.93	0.000	0.385	0.385	0.503	07/20/2023	12:13
8	O3625-01		1	2.54	100	7.52	2.10	0.034	0.058	0.024	0.030	07/20/2023	12:14
9	O3625-01DU		1	2.53	100	7.54	2.12	0.032	0.056	0.024	0.030	07/20/2023	12:15
10	O3625-01MS	40	2	2.53	100	7.55	2.12	0.029	0.339	0.310	0.405	07/20/2023	12:16
11	O3625-01MS	1284	40	2.54	100	7.52	2.12	0.000	0.503	0.503	0.658	07/20/2023	12:17
12	O3625-01MS	40	2	2.53	100	7.54	2.14	0.031	0.387	0.356	0.465	07/20/2023	12:18
13	O3646-01		1	2.52	100	7.62	2.12	0.024	0.024	0.000	-0.001	07/20/2023	12:19
14	O3646-04		1	2.55	100	7.64	2.18	0.034	0.035	0.001	0.000	07/20/2023	12:20
15	O3648-01		1	2.52	100	7.58	2.10	0.032	0.034	0.002	0.002	07/20/2023	12:21
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.502	07/20/2023	12:22
17	CCB2		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	07/20/2023	12:23
18	O3654-01		1	2.54	100	7.56	2.18	0.037	0.038	0.001	0.000	07/20/2023	12:24
19	O3659-01		1	2.55	100	7.60	2.20	0.012	0.014	0.002	0.002	07/20/2023	12:25
20	O3659-03		1	2.53	100	7.62	2.26	0.010	0.012	0.002	0.002	07/20/2023	12:26
21	O3659-05		1	2.53	100	7.66	2.08	0.009	0.010	0.001	0.000	07/20/2023	12:27
22	O3668-01		1	2.53	100	7.62	2.10	0.038	0.038	0.000	-0.001	07/20/2023	12:28
23	O3680-01		1	2.52	100	7.62	2.16	0.003	0.005	0.002	0.002	07/20/2023	12:29
24	O3681-01		1	2.56	100	7.58	2.18	0.005	0.007	0.002	0.002	07/20/2023	12:30
25	O3681-04		1	2.54	100	7.64	2.12	0.005	0.007	0.002	0.002	07/20/2023	12:31
26	O3681-07		1	2.51	100	7.66	2.10	0.009	0.023	0.014	0.017	07/20/2023	12:32
27	O3681-10		1	2.53	100	7.62	2.10	0.003	0.005	0.002	0.002	07/20/2023	12:33
28	CCV3	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.501	07/20/2023	12:34
29	CCB3		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	07/20/2023	12:35
30	O3681-13		1	2.52	100	7.68	2.06	0.003	0.005	0.002	0.002	07/20/2023	12:36
31	O3681-16		1	2.54	100	7.64	2.10	0.008	0.010	0.002	0.002	07/20/2023	12:37
32	O3681-19		1	2.55	100	7.66	2.18	0.007	0.009	0.002	0.002	07/20/2023	12:38
33	O3681-22		1	2.53	100	7.60	2.20	0.008	0.010	0.002	0.002	07/20/2023	12:39
34	CCV4	0.5	1	100	100	7.43	1.92	0.000	0.385	0.385	0.503	07/20/2023	12:40
35	CCB4		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	07/20/2023	12:41