



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126041

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102925
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0012

Slope: 0.7654

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	7.32	1.80	0.000	0.000	0.000	-0.00		06/19/2023	12:00
2	CAL2	0.01	1	100	100	7.42	1.92	0.000	0.008	0.008	0.008	-20	06/19/2023	12:01
3	CAL3	0.025	1	100	100	7.39	1.88	0.000	0.021	0.021	0.025	0	06/19/2023	12:02
4	CAL4	0.05	1	100	100	7.36	1.88	0.000	0.040	0.040	0.050	0	06/19/2023	12:03
5	CAL5	0.1	1	100	100	7.38	1.86	0.000	0.078	0.078	0.100	0	06/19/2023	12:04
6	CAL6	0.5	1	100	100	7.40	1.90	0.000	0.385	0.385	0.501	0.2	06/19/2023	12:05
7	CAL7	1	1	100	100	7.38	1.86	0.000	0.766	0.766	0.999	-0.1	06/19/2023	12:06



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Run Number: LB126041

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	7.41	1.91	0.000	0.384	0.384	0.500	06/19/2023	12:07
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	06/19/2023	12:08
3	CCV1	0.5	1	100	100	7.40	1.90	0.000	0.383	0.383	0.499	06/19/2023	12:09
4	CCB1		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	06/19/2023	12:10
5	RL Check	0.01	1	100	100	7.42	1.92	0.000	0.009	0.009	0.010	06/19/2023	12:11
6	PB153467BL		1	2.50	100	7.30	1.80	0.000	0.001	0.001	0.000	06/19/2023	12:12
7	PB153467BS	20	1	2.50	100	7.39	1.88	0.000	0.384	0.384	0.500	06/19/2023	12:13
8	O3229-01		1	2.56	100	7.62	2.08	0.006	0.008	0.002	0.001	06/19/2023	12:14
9	O3229-08		1	2.55	100	7.58	2.10	0.008	0.010	0.002	0.001	06/19/2023	12:15
10	O3255-01		1	2.51	100	7.50	2.06	0.006	0.008	0.002	0.001	06/19/2023	12:16
11	O3255-07		1	2.53	100	7.66	2.18	0.018	0.020	0.002	0.001	06/19/2023	12:17
12	O3256-01		1	2.53	100	7.62	2.12	0.020	0.020	0.000	-0.002	06/19/2023	12:18
13	O3262-01		1	2.55	100	7.64	2.10	0.006	0.008	0.002	0.001	06/19/2023	12:19
14	O3262-01DU		1	2.54	100	7.62	2.12	0.008	0.010	0.002	0.001	06/19/2023	12:20
15	O3262-01MS	40	2	2.55	100	7.64	2.14	0.012	0.280	0.268	0.349	06/19/2023	12:21
16	CCV2	0.5	1	100	100	7.40	1.90	0.000	0.385	0.385	0.501	06/19/2023	12:22
17	CCB2		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	06/19/2023	12:23
18	O3262-01MS	1284	40	2.54	100	7.62	2.12	0.000	0.575	0.575	0.750	06/19/2023	12:24
19	O3262-01MS	40	2	2.55	100	7.64	2.10	0.006	0.384	0.378	0.492	06/19/2023	12:25
20	O3262-04		1	2.55	100	7.68	2.08	0.003	0.004	0.001	0.000	06/19/2023	12:26
21	O3262-07		1	2.53	100	7.70	2.10	0.008	0.008	0.000	-0.002	06/19/2023	12:27
22	O3282-01		1	2.54	100	7.62	2.20	0.038	0.038	0.000	-0.002	06/19/2023	12:28
23	O3282-06		1	2.53	100	7.52	2.24	0.038	0.038	0.000	-0.002	06/19/2023	12:29
24	O3287-01		1	2.56	100	7.56	2.10	0.037	0.038	0.001	0.000	06/19/2023	12:30
25	O3296-01		1	2.53	100	7.58	2.14	0.007	0.008	0.001	0.000	06/19/2023	12:31
26	O3296-07		1	2.55	100	7.66	2.10	0.010	0.010	0.000	-0.002	06/19/2023	12:32
27	O3296-13		1	2.51	100	7.72	2.08	0.012	0.014	0.002	0.001	06/19/2023	12:33
28	CCV3	0.5	1	100	100	7.41	1.91	0.000	0.383	0.383	0.499	06/19/2023	12:34
29	CCB3		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	06/19/2023	12:35
30	O3296-19		1	2.52	100	7.60	2.28	0.020	0.020	0.000	-0.002	06/19/2023	12:36
31	O3297-01		1	2.54	100	7.64	2.10	0.017	0.018	0.001	0.000	06/19/2023	12:37
32	O3298-01		1	2.53	100	7.62	2.14	0.018	0.020	0.002	0.001	06/19/2023	12:38
33	O3298-07		1	2.52	100	7.62	2.06	0.020	0.022	0.002	0.001	06/19/2023	12:39
34	O3308-01		1	2.56	100	7.66	2.08	0.018	0.020	0.002	0.001	06/19/2023	12:40
35	O3308-04		1	2.52	100	7.56	2.12	0.022	0.024	0.002	0.001	06/19/2023	12:41
36	CCV4	0.5	1	100	100	7.40	1.90	0.000	0.384	0.384	0.500	06/19/2023	12:42
37	CCB4		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	06/19/2023	12:43