



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127946

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104813
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.001

Slope: 0.7674

Regression: 0.999989

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	1.76	0.000	0.000	0.000	-0.00		10/24/2023	12:00
2	CAL2	0.01	1	100	100	7.38	1.87	0.000	0.008	0.008	0.009	-10	10/24/2023	12:01
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.026	4	10/24/2023	12:02
4	CAL4	0.05	1	100	100	7.38	1.85	0.000	0.039	0.039	0.049	-2	10/24/2023	12:03
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.080	0.080	0.102	2	10/24/2023	12:04
6	CAL6	0.5	1	100	100	7.41	1.92	0.000	0.383	0.383	0.497	-0.6	10/24/2023	12:05
7	CAL7	1	1	100	100	7.36	1.86	0.000	0.769	0.769	1.000	0	10/24/2023	12:06



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Run Number: LB127946

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	1.93	0.000	0.385	0.385	0.500	10/24/2023	12:07
2	ICB		1	100	100	7.25	1.77	0.000	0.001	0.001	0.000	10/24/2023	12:08
3	CCV1	0.5	1	100	100	7.43	1.94	0.000	0.384	0.384	0.499	10/24/2023	12:09
4	CCB1		1	100	100	7.27	1.78	0.000	0.001	0.001	0.000	10/24/2023	12:10
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.010	0.010	0.012	10/24/2023	12:11
6	PB156554BL		1	2.50	100	7.26	1.76	0.000	0.001	0.001	0.000	10/24/2023	12:12
7	PB156554BS	20	1	2.50	100	7.41	1.93	0.000	0.383	0.383	0.498	10/24/2023	12:13
8	O4976-01		1	2.52	100	7.62	2.08	0.012	0.012	0.000	-0.001	10/24/2023	12:14
9	O4977-01		1	2.54	100	7.60	2.10	0.014	0.014	0.000	-0.001	10/24/2023	12:15
10	O4977-07		1	2.56	100	7.58	2.06	0.012	0.014	0.002	0.001	10/24/2023	12:16
11	O4978-01		1	2.54	100	7.52	2.16	0.012	0.012	0.000	-0.001	10/24/2023	12:17
12	O4989-01		1	2.55	100	7.62	2.08	0.001	0.001	0.000	-0.001	10/24/2023	12:18
13	O5010-01		1	2.52	100	7.52	2.08	0.020	0.021	0.001	0.000	10/24/2023	12:19
14	O5010-03		1	2.54	100	7.56	2.10	0.020	0.021	0.001	0.000	10/24/2023	12:20
15	O5010-03DU		1	2.54	100	7.56	2.12	0.021	0.021	0.000	-0.001	10/24/2023	12:21
16	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.383	0.383	0.498	10/24/2023	12:22
17	CCB2		1	100	100	7.28	1.75	0.000	0.001	0.001	0.000	10/24/2023	12:23
18	O5010-03MS	40	2	2.55	100	7.54	2.14	0.009	0.349	0.340	0.442	10/24/2023	12:24
19	O5010-03MS	1284	40	2.53	100	7.56	2.16	0.000	0.557	0.557	0.725	10/24/2023	12:25
20	O5010-03MS	40	2	2.53	100	7.58	2.08	0.000	0.378	0.378	0.491	10/24/2023	12:26
21	O5015-02		1	2.55	100	7.62	2.08	0.027	0.027	0.000	-0.001	10/24/2023	12:27
22	O5025-01		1	2.53	100	7.52	2.10	0.008	0.010	0.002	0.001	10/24/2023	12:28
23	CCV3	0.5	1	100	100	7.43	1.93	0.000	0.384	0.384	0.499	10/24/2023	12:29
24	CCB3		1	100	100	7.25	1.76	0.000	0.001	0.001	0.000	10/24/2023	12:30