

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131762

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108804
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0011

Slope: 0.7667

Regression: 0.999996

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	1.74	0.000	0.000	0.000	-0.00		07/26/2024	13:00
2	CAL2	0.01	1	100	100	7.37	1.85	0.000	0.008	0.008	0.008	-20	07/26/2024	13:01
3	CAL3	0.025	1	100	100	7.36	1.90	0.000	0.021	0.021	0.025	0	07/26/2024	13:02
4	CAL4	0.05	1	100	100	7.39	1.88	0.000	0.040	0.040	0.050	0	07/26/2024	13:03
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	07/26/2024	13:04
6	CAL6	0.5	1	100	100	7.38	1.88	0.000	0.384	0.384	0.499	-0.2	07/26/2024	13:05
7	CAL7	1	1	100	100	7.35	1.86	0.000	0.768	0.768	1.000	0	07/26/2024	13:06



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Run Number: LB131762

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	0.386	0.386	0.502	07/26/2024	13:07
2	ICB		1	100	100	7.25	1.79	0.000	0.001	0.001	0.000	07/26/2024	13:08
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.384	0.384	0.499	07/26/2024	13:09
4	CCB1		1	100	100	7.25	1.75	0.000	0.001	0.001	0.000	07/26/2024	13:10
5	RL Check	0.01	1	100	100	7.41	1.92	0.000	0.009	0.009	0.010	07/26/2024	13:11
6	PB162258BL		1	2.50	100	7.28	1.78	0.000	0.000	0.000	-0.001	07/26/2024	13:12
7	PB162258BS	20	1	2.50	100	7.43	1.91	0.000	0.385	0.385	0.501	07/26/2024	13:13
8	P3343-01		1	2.51	100	7.52	2.10	0.006	0.006	0.000	-0.001	07/26/2024	13:14
9	P3343-01DU		1	2.51	100	7.58	2.16	0.005	0.006	0.001	0.000	07/26/2024	13:15
10	P3343-01MS	40	2	2.52	100	7.56	2.10	0.002	0.302	0.300	0.390	07/26/2024	13:16
11	P3343-01MS	1284	40	2.52	100	7.52	2.12	0.000	0.622	0.622	0.810	07/26/2024	13:17
12	P3343-01MS	40	2	2.51	100	7.56	2.18	0.000	0.383	0.383	0.498	07/26/2024	13:18
13	P3352-01		1	2.54	100	7.62	2.06	0.009	0.009	0.000	-0.001	07/26/2024	13:19
14	P3363-01		1	2.53	100	7.52	2.08	0.018	0.018	0.000	-0.001	07/26/2024	13:20
15	P3367-01		1	2.51	100	7.58	2.14	0.005	0.005	0.000	-0.001	07/26/2024	13:21
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.386	0.386	0.502	07/26/2024	13:22
17	CCB2		1	100	100	7.29	1.74	0.000	0.001	0.001	0.000	07/26/2024	13:23
18	P3376-04		1	2.52	100	7.66	2.20	0.013	0.014	0.001	0.000	07/26/2024	13:24
19	P3376-11		1	2.55	100	7.62	2.06	0.012	0.013	0.001	0.000	07/26/2024	13:25
20	P3376-14		1	2.51	100	7.54	2.12	0.007	0.007	0.000	-0.001	07/26/2024	13:26
21	CCV3	0.5	1	100	100	7.45	1.95	0.000	0.383	0.383	0.498	07/26/2024	13:27
22	CCB3		1	100	100	7.26	1.79	0.000	0.001	0.001	0.000	07/26/2024	13:28