

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131410

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108548
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0014

Slope: 0.7645

Regression: 0.999992

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	7.30	1.81	0.000	0.000	0.000	-0.00		06/26/2024	08:45
2	CAL2	0.01	1	100	100	7.39	1.88	0.000	0.008	0.008	0.008	-20	06/26/2024	08:46
3	CAL3	0.025	1	100	100	7.36	1.89	0.000	0.021	0.021	0.025	0	06/26/2024	08:47
4	CAL4	0.05	1	100	100	7.40	1.86	0.000	0.040	0.040	0.050	0	06/26/2024	08:48
5	CAL5	0.1	1	100	100	7.39	1.90	0.000	0.080	0.080	0.102	2	06/26/2024	08:49
6	CAL6	0.5	1	100	100	7.42	1.88	0.000	0.383	0.383	0.499	-0.2	06/26/2024	08:50
7	CAL7	1	1	100	100	7.36	1.92	0.000	0.766	0.766	1.000	0	06/26/2024	08:51



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Run Number: LB131410

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	7.45	1.94	0.000	0.385	0.385	0.502	06/26/2024	08:52
2	ICB		1	100	100	7.27	1.80	0.000	0.001	0.001	-0.001	06/26/2024	08:53
3	CCV1	0.5	1	100	100	7.44	1.96	0.000	0.384	0.384	0.500	06/26/2024	08:54
4	CCB1		1	100	100	7.28	1.77	0.000	0.000	0.000	-0.002	06/26/2024	08:55
5	RL Check	0.01	1	100	100	7.42	1.91	0.000	0.009	0.009	0.010	06/26/2024	08:56
6	PB161680BL		1	2.50	100	7.27	1.80	0.000	0.001	0.001	-0.001	06/26/2024	08:57
7	PB161680BS	20	1	2.50	100	7.42	1.94	0.000	0.386	0.386	0.503	06/26/2024	08:58
8	P3021-01		1	2.52	100	7.62	2.08	0.010	0.011	0.001	-0.001	06/26/2024	08:59
9	P3021-04		1	2.54	100	7.68	2.16	0.006	0.013	0.007	0.007	06/26/2024	09:00
10	P3021-07		1	2.51	100	7.58	2.20	0.004	0.017	0.013	0.015	06/26/2024	09:01
11	P3021-10		1	2.54	100	7.52	2.10	0.020	0.028	0.008	0.009	06/26/2024	09:02
12	P3047-01		1	2.54	100	7.58	2.14	0.005	0.010	0.005	0.005	06/26/2024	09:03
13	P3047-01DU		1	2.52	100	7.60	2.16	0.005	0.010	0.005	0.005	06/26/2024	09:04
14	P3047-01MS	40	2	2.54	100	7.56	2.10	0.000	0.316	0.316	0.412	06/26/2024	09:05
15	P3047-01MS	1284	40	2.52	100	7.58	2.16	0.000	0.625	0.625	0.816	06/26/2024	09:06
16	CCV2	0.5	1	100	100	7.43	1.93	0.000	0.384	0.384	0.500	06/26/2024	09:07
17	CCB2		1	100	100	7.26	1.78	0.000	0.000	0.000	-0.002	06/26/2024	09:08
18	P3047-01MS	40	2	2.54	100	7.60	2.14	0.000	0.371	0.371	0.483	06/26/2024	09:09
19	P3049-01		1	2.52	100	7.68	2.08	0.038	0.038	0.000	-0.002	06/26/2024	09:10
20	CCV3	0.5	1	100	100	7.44	1.95	0.000	0.386	0.386	0.503	06/26/2024	09:11
21	CCB3		1	100	100	7.28	1.81	0.000	0.001	0.001	-0.001	06/26/2024	09:12