

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131595

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108721
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0008

Slope: 0.7674

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	7.27	1.77	0.000	0.000	0.000	-0.00		07/12/2024	13:00
2	CAL2	0.01	1	100	100	7.38	1.90	0.000	0.008	0.008	0.009	-10	07/12/2024	13:01
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.026	4	07/12/2024	13:02
4	CAL4	0.05	1	100	100	7.39	1.86	0.000	0.039	0.039	0.049	-2	07/12/2024	13:03
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.078	0.078	0.100	0	07/12/2024	13:04
6	CAL6	0.5	1	100	100	7.40	1.90	0.000	0.385	0.385	0.500	0	07/12/2024	13:05
7	CAL7	1	1	100	100	7.36	1.89	0.000	0.768	0.768	0.999	-0.1	07/12/2024	13:06



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Run Number: LB131595

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	1.94	0.000	0.384	0.384	0.499	07/12/2024	13:07
2	ICB		1	100	100	7.25	1.80	0.000	0.000	0.000	-0.001	07/12/2024	13:08
3	CCV1	0.5	1	100	100	7.45	1.96	0.000	0.383	0.383	0.498	07/12/2024	13:09
4	CCB1		1	100	100	7.29	1.77	0.000	0.001	0.001	0.000	07/12/2024	13:10
5	RL Check	0.01	1	100	100	7.41	1.92	0.000	0.009	0.009	0.011	07/12/2024	13:11
6	PB161975BL		1	2.50	100	7.28	1.79	0.000	0.001	0.001	0.000	07/12/2024	13:12
7	PB161975BS	20	1	2.50	100	7.42	1.93	0.000	0.383	0.383	0.498	07/12/2024	13:13
8	P3183-01		1	2.52	100	7.62	2.10	0.005	0.005	0.000	-0.001	07/12/2024	13:14
9	P3183-05		1	2.52	100	7.56	2.08	0.007	0.007	0.000	-0.001	07/12/2024	13:15
10	P3183-07		1	2.51	100	7.52	2.16	0.004	0.005	0.001	0.000	07/12/2024	13:16
11	P3184-01		1	2.54	100	7.52	2.20	0.010	0.010	0.000	-0.001	07/12/2024	13:17
12	P3184-04		1	2.51	100	7.58	2.16	0.002	0.006	0.004	0.004	07/12/2024	13:18
13	P3186-01		1	2.52	100	7.52	2.08	0.029	0.030	0.001	0.000	07/12/2024	13:19
14	P3187-01		1	2.53	100	7.66	2.14	0.012	0.013	0.001	0.000	07/12/2024	13:20
15	P3187-05		1	2.51	100	7.62	2.10	0.021	0.022	0.001	0.000	07/12/2024	13:21
16	CCV2	0.5	1	100	100	7.44	1.96	0.000	0.385	0.385	0.501	07/12/2024	13:22
17	CCB2		1	100	100	7.26	1.80	0.000	0.000	0.000	-0.001	07/12/2024	13:23
18	P3187-09		1	2.53	100	7.62	2.08	0.033	0.034	0.001	0.000	07/12/2024	13:24
19	P3193-02		1	2.51	100	7.62	2.10	0.006	0.007	0.001	0.000	07/12/2024	13:25
20	P3193-04		1	2.53	100	7.52	2.08	0.004	0.005	0.001	0.000	07/12/2024	13:26
21	P3193-04DU		1	2.52	100	7.56	2.06	0.004	0.005	0.001	0.000	07/12/2024	13:27
22	P3193-04MS	40	2	2.51	100	7.52	2.08	0.000	0.311	0.311	0.404	07/12/2024	13:28
23	P3193-04MS	1284	40	2.53	100	7.54	2.10	0.000	0.595	0.595	0.774	07/12/2024	13:29
24	P3193-04MS	40	2	2.51	100	7.56	2.12	0.000	0.376	0.376	0.489	07/12/2024	13:30
25	P3193-06		1	2.51	100	7.64	2.06	0.029	0.030	0.001	0.000	07/12/2024	13:31
26	P3211-01		1	2.53	100	7.70	2.14	0.012	0.013	0.001	0.000	07/12/2024	13:32
27	P3211-03		1	2.53	100	7.68	2.10	0.009	0.019	0.010	0.012	07/12/2024	13:33
28	CCV3	0.5	1	100	100	7.46	1.93	0.000	0.385	0.385	0.501	07/12/2024	13:34
29	CCB3		1	100	100	7.28	1.77	0.000	0.000	0.000	-0.001	07/12/2024	13:35
30	P3227-01		1	2.53	100	7.52	2.08	0.008	0.008	0.000	-0.001	07/12/2024	13:36
31	P3228-01		1	2.51	100	7.52	2.10	0.004	0.004	0.000	-0.001	07/12/2024	13:37
32	CCV4	0.5	1	100	100	7.42	1.96	0.000	0.383	0.383	0.498	07/12/2024	13:38
33	CCB4		1	100	100	7.25	1.80	0.000	0.001	0.001	0.000	07/12/2024	13:39