

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131516

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108644
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0016

Slope: 0.7651

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	1.75	0.000	0.000	0.000	-0.00		07/05/2024	11:50
2	CAL2	0.01	1	100	100	7.39	1.88	0.000	0.009	0.009	0.009	-10	07/05/2024	11:51
3	CAL3	0.025	1	100	100	7.41	1.86	0.000	0.021	0.021	0.025	0	07/05/2024	11:52
4	CAL4	0.05	1	100	100	7.38	1.89	0.000	0.039	0.039	0.048	-4	07/05/2024	11:53
5	CAL5	0.1	1	100	100	7.40	1.88	0.000	0.080	0.080	0.102	2	07/05/2024	11:54
6	CAL6	0.5	1	100	100	7.41	1.90	0.000	0.385	0.385	0.501	0.2	07/05/2024	11:55
7	CAL7	1	1	100	100	7.42	1.86	0.0000	0.766	0.766	0.999	-0.1	07/05/2024	11:56



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Run Number: LB131516

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	7.46	1.92	0.000	0.385	0.385	0.501	07/05/2024	11:57
2	ICB		1	100	100	7.28	1.74	0.000	0.001	0.001	-0.001	07/05/2024	11:58
3	CCV1	0.5	1	100	100	7.47	1.94	0.000	0.383	0.383	0.498	07/05/2024	11:59
4	CCB1		1	100	100	7.26	1.79	0.000	0.000	0.000	-0.002	07/05/2024	12:00
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	07/05/2024	12:01
6	PB161893BL		1	2.50	100	7.29	1.76	0.000	0.001	0.001	-0.001	07/05/2024	12:02
7	PB161893BS	20	1	2.50	100	7.48	1.94	0.000	0.386	0.386	0.502	07/05/2024	12:03
8	P3141-01		1	2.54	100	7.62	2.10	0.020	0.021	0.001	-0.001	07/05/2024	12:04
9	P3141-02		1	2.51	100	7.68	2.18	0.007	0.007	0.000	-0.002	07/05/2024	12:05
10	P3141-03		1	2.55	100	7.70	2.20	0.038	0.038	0.000	-0.002	07/05/2024	12:06
11	P3141-04		1	2.52	100	7.60	2.14	0.005	0.005	0.000	-0.002	07/05/2024	12:07
12	P3141-04DU		1	2.53	100	7.64	2.10	0.004	0.005	0.001	-0.001	07/05/2024	12:08
13	P3141-04MS	40	2	2.52	100	7.62	2.18	0.002	0.312	0.310	0.403	07/05/2024	12:09
14	P3141-04MS	1284	40	2.51	100	7.68	2.10	0.0000	0.571	0.571	0.744	07/05/2024	12:10
15	P3141-04MS	40	2	2.52	100	7.60	2.14	0.001	0.376	0.375	0.488	07/05/2024	12:11
16	CCV2	0.5	1	100	100	7.45	1.92	0.000	0.384	0.384	0.500	07/05/2024	12:12
17	CCB2		1	100	100	7.26	1.74	0.000	0.000	0.000	-0.002	07/05/2024	12:13
18	P3141-05		1	2.54	100	7.60	2.20	0.038	0.038	0.000	-0.002	07/05/2024	12:14
19	P3148-01		1	2.52	100	7.64	2.26	0.004	0.006	0.002	0.001	07/05/2024	12:15
20	P3149-01		1	2.55	100	7.72	2.20	0.003	0.003	0.000	-0.002	07/05/2024	12:16
21	P3166-01		1	2.52	100	7.72	2.28	0.019	0.019	0.000	-0.002	07/05/2024	12:17
22	CCV3	0.5	1	100	100	7.47	1.95	0.000	0.383	0.383	0.498	07/05/2024	12:18
23	CCB3		1	100	100	7.29	1.78	0.000	0.001	0.001	-0.001	07/05/2024	12:19