

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Niha

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131797

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108907
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
HEX LOD STD, 0.005PPM	WP108909
Hexchrome Cleaning Solution	WP108645
Hex LOQ Std, 0.01PPM	WP108908

Intercept: 0.0012

Slope: 0.7655

Regression: 0.999994

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	7.15	1.96	0.000	0.000	0.000	-0.00		07/30/2024	16:00
2	CAL2	0.01	1	100	100	7.66	2.02	0.000	0.008	0.008	0.008	-20	07/30/2024	16:01
3	CAL3	0.025	1	100	100	7.17	2.11	0.000	0.020	0.020	0.024	-4	07/30/2024	16:02
4	CAL4	0.05	1	100	100	7.35	2.08	0.000	0.040	0.040	0.050	0	07/30/2024	16:03
5	CAL5	0.1	1	100	100	7.52	1.88	0.000	0.079	0.079	0.101	1	07/30/2024	16:04
6	CAL6	0.5	1	100	100	7.08	1.82	0.000	0.385	0.385	0.501	0.2	07/30/2024	16:05
7	CAL7	1	1	100	100	7.14	2.32	0.000	0.766	0.766	0.999	-0.1	07/30/2024	16:06



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Run Number: LB131797

pH Meter ID: 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	7.24	1.96	0.000	0.380	0.380	0.495	07/30/2024	16:07
2	ICB		1	100	100	7.28	2.08	0.000	0.000	0.000	-0.002	07/30/2024	16:08
3	CCV1	0.5	1	100	100	7.16	2.16	0.000	0.386	0.386	0.503	07/30/2024	16:09
4	CCB1		1	100	100	7.46	2.33	0.000	0.001	0.001	0.000	07/30/2024	16:10
5	RL Check	0.01	1	100	100	7.63	1.99	0.000	0.009	0.009	0.010	07/30/2024	16:11
6	PB162333BL		1	2.50	100	7.10	1.87	0.000	0.000	0.000	-0.002	07/30/2024	16:12
7	PB162333BS	20	1	2.50	100	7.36	2.03	0.000	0.382	0.382	0.497	07/30/2024	16:13
8	P3387-02		1	2.54	100	7.28	2.15	0.026	0.028	0.002	0.001	07/30/2024	16:14
9	P3387-05		1	2.52	100	7.08	1.82	0.012	0.014	0.002	0.001	07/30/2024	16:15
10	P3390-01		1	2.50	100	7.18	1.80	0.000	0.004	0.004	0.004	07/30/2024	16:16
11	P3390-02		1	2.50	100	7.67	2.41	0.000	0.009	0.009	0.010	07/30/2024	16:17
12	P3394-01		1	2.53	100	7.25	1.82	0.029	0.029	0.000	-0.002	07/30/2024	16:18
13	P3394-02		1	2.52	100	7.63	1.69	0.027	0.027	0.000	-0.002	07/30/2024	16:19
14	P3394-02DU		1	2.54	100	7.14	2.38	0.028	0.028	0.000	-0.002	07/30/2024	16:20
15	P3394-02MS	40	2	2.52	100	7.52	2.11	0.027	0.374	0.347	0.452	07/30/2024	16:21
16	CCV2	0.5	1	100	100	7.34	1.75	0.000	0.381	0.381	0.496	07/30/2024	16:22
17	CCB2		1	100	100	7.27	1.95	0.000	0.000	0.000	-0.002	07/30/2024	16:23
18	P3394-02MS	1284	40	2.54	100	7.22	2.01	0.000	0.616	0.616	0.803	07/30/2024	16:24
19	P3394-02MS	40	2	2.52	100	7.39	2.28	0.027	0.380	0.353	0.460	07/30/2024	16:25
20	P3402-01		1	2.53	100	7.22	1.84	0.008	0.008	0.000	-0.002	07/30/2024	16:26
21	P3402-03		1	2.53	100	7.52	1.89	0.013	0.015	0.002	0.001	07/30/2024	16:27
22	CCV3	0.5	1	100	100	7.19	2.09	0.000	0.387	0.387	0.504	07/30/2024	16:28
23	CCB3		1	100	100	7.25	2.41	0.000	0.001	0.001	0.000	07/30/2024	16:29