



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126393

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103195
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
HEX LOD STD, 0.005PPM	WP103196
Hexchrome Cleaning Solution	WP100882
Hex LOQ Std, 0.01PPM	WP103197

Intercept: 0.001

Slope: 0.7645

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	7.28	1.78	0.000	0.000	0.000	-0.00		07/12/2023	11:50
2	CAL2	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	0	07/12/2023	11:51
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.020	0.020	0.024	-4	07/12/2023	11:52
4	CAL4	0.05	1	100	100	7.37	1.87	0.000	0.039	0.039	0.049	-2	07/12/2023	11:53
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.078	0.078	0.100	0	07/12/2023	11:54
6	CAL6	0.5	1	100	100	7.44	1.93	0.000	0.384	0.384	0.500	0	07/12/2023	11:55
7	CAL7	1	1	100	100	7.37	1.87	0.000	0.765	0.765	0.999	-0.1	07/12/2023	11:56



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Run Number: LB126393

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	7.43	1.94	0.000	0.384	0.384	0.501	07/12/2023	11:57
2	ICB		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	07/12/2023	11:58
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.500	07/12/2023	11:59
4	CCB1		1	100	100	7.28	1.79	0.000	0.001	0.001	0.000	07/12/2023	12:00
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	07/12/2023	12:01
6	PB154025BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	07/12/2023	12:02
7	PB154025BS	20	1	2.50	100	7.38	1.88	0.000	0.383	0.383	0.500	07/12/2023	12:03
8	O3541-01		1	2.54	100	7.58	2.10	0.036	0.038	0.002	0.001	07/12/2023	12:04
9	O3541-06		1	2.51	100	7.52	2.18	0.037	0.038	0.001	0.000	07/12/2023	12:05
10	O3555-01		1	2.55	100	7.56	2.10	0.013	0.014	0.001	0.000	07/12/2023	12:06
11	O3555-03		1	2.52	100	7.52	2.06	0.016	0.027	0.011	0.013	07/12/2023	12:07
12	O3555-05		1	2.55	100	7.54	2.08	0.037	0.052	0.015	0.018	07/12/2023	12:08
13	O3555-07		1	2.52	100	7.56	2.10	0.036	0.044	0.008	0.009	07/12/2023	12:09
14	O3555-09		1	2.54	100	7.58	2.16	0.019	0.020	0.001	0.000	07/12/2023	12:10
15	O3555-11		1	2.52	100	7.52	2.18	0.039	0.052	0.013	0.016	07/12/2023	12:11
16	CCV2	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.502	07/12/2023	12:12
17	CCB2		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	07/12/2023	12:13
18	O3565-01		1	2.55	100	7.62	2.14	0.008	0.010	0.002	0.001	07/12/2023	12:14
19	O3565-01DU		1	2.55	100	7.64	2.16	0.010	0.011	0.001	0.000	07/12/2023	12:15
20	O3565-01MS	40	2	2.53	100	7.62	2.14	0.006	0.143	0.137	0.178	07/12/2023	12:16
21	O3565-01MS	1284	40	2.55	100	7.60	2.16	0.000	0.477	0.477	0.623	07/12/2023	12:17
22	O3565-01MS	40	2	2.54	100	7.62	2.16	0.007	0.287	0.280	0.365	07/12/2023	12:18
23	O3570-01		1	2.54	100	7.56	2.10	0.010	0.012	0.002	0.001	07/12/2023	12:19
24	O3570-03		1	2.51	100	7.58	2.12	0.006	0.007	0.001	0.000	07/12/2023	12:20
25	O3572-01		1	2.52	100	7.56	2.06	0.000	0.004	0.004	0.004	07/12/2023	12:21
26	O3572-02		1	2.55	100	7.62	2.08	0.000	0.009	0.009	0.010	07/12/2023	12:22
27	CCV3	0.5	1	100	100	7.43	1.94	0.000	0.384	0.384	0.501	07/12/2023	12:23
28	CCB3		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	07/12/2023	12:24