



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125404

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102410
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.001

Slope: 0.7645

Regression: 0.999997

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	7.36	1.78	0.000	0.000	0.000	-0.00		05/11/2023	11:50
2	CAL2	0.01	1	100	100	7.36	1.90	0.000	0.008	0.008	0.009	-10	05/11/2023	11:51
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.021	0.021	0.026	4	05/11/2023	11:52
4	CAL4	0.05	1	100	100	7.34	1.86	0.000	0.039	0.039	0.049	-2	05/11/2023	11:53
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.078	0.078	0.100	0	05/11/2023	11:54
6	CAL6	0.5	1	100	100	7.38	1.86	0.000	0.384	0.384	0.500	0	05/11/2023	11:55
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.765	0.765	0.999	-0.1	05/11/2023	11:56



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Run Number: LB125404

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	7.40	1.88	0.000	0.383	0.383	0.500	05/11/2023	11:57
2	ICB		1	100	100	7.26	1.76	0.000	0.001	0.001	0.000	05/11/2023	11:58
3	CCV1	0.5	1	100	100	7.42	1.86	0.000	0.384	0.384	0.501	05/11/2023	11:59
4	CCB1		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	05/11/2023	12:00
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	05/11/2023	12:01
6	PB152671BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	05/11/2023	12:02
7	PB152671BS	20	1	2.50	100	7.30	1.82	0.000	0.384	0.384	0.501	05/11/2023	12:03
8	O2605-01		1	2.56	100	7.52	2.08	0.013	0.026	0.013	0.016	05/11/2023	12:04
9	O2680-01		1	2.52	100	7.62	2.10	0.010	0.012	0.002	0.001	05/11/2023	12:05
10	O2690-01		1	2.54	100	7.62	2.18	0.009	0.010	0.001	0.000	05/11/2023	12:06
11	O2691-01		1	2.51	100	7.68	2.20	0.024	0.024	0.000	-0.001	05/11/2023	12:07
12	O2691-08		1	2.53	100	7.52	2.16	0.016	0.018	0.002	0.001	05/11/2023	12:08
13	O2745-01		1	2.52	100	7.62	2.08	0.008	0.010	0.002	0.001	05/11/2023	12:09
14	O2745-01DU		1	2.53	100	7.60	2.10	0.006	0.008	0.002	0.001	05/11/2023	12:10
15	O2745-01MS	40	2	2.52	100	7.62	2.10	0.006	0.140	0.134	0.174	05/11/2023	12:11
16	CCV2	0.5	1	100	100	7.64	1.88	0.000	0.383	0.383	0.500	05/11/2023	12:12
17	CCB2		1	100	100	7.26	1.80	0.000	0.001	0.001	0.000	05/11/2023	12:13
18	O2745-01MS	1284	40	2.53	100	7.64	2.08	0.000	0.543	0.543	0.709	05/11/2023	12:14
19	O2745-01MS	40	2	2.52	100	7.62	2.12	0.003	0.279	0.276	0.360	05/11/2023	12:15
20	CCV3	0.5	1	100	100	7.36	1.90	0.000	0.384	0.384	0.501	05/11/2023	12:16
21	CCB3		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	05/11/2023	12:17