



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125904

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102848
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0013

Slope: 0.7685

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	7.28	1.78	0.000	0.000	0.000	-0.00		06/12/2023	12:20
2	CAL2	0.01	1	100	100	7.41	1.91	0.000	0.009	0.009	0.010	0	06/12/2023	12:21
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.025	0	06/12/2023	12:22
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.040	0.040	0.050	0	06/12/2023	12:23
5	CAL5	0.1	1	100	100	7.38	1.86	0.000	0.079	0.079	0.101	1	06/12/2023	12:24
6	CAL6	0.5	1	100	100	7.42	1.93	0.000	0.385	0.385	0.499	-0.2	06/12/2023	12:25
7	CAL7	1	1	100	100	7.38	1.86	0.000	0.770	0.770	1.000	0	06/12/2023	12:26



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Run Number: LB125904

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	1.92	0.000	0.383	0.383	0.497	06/12/2023	12:27
2	ICB		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	06/12/2023	12:28
3	CCV1	0.5	1	100	100	7.42	1.93	0.000	0.384	0.384	0.498	06/12/2023	12:29
4	CCB1		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	06/12/2023	12:30
5	RL Check	0.01	1	100	100	7.42	1.90	0.000	0.009	0.009	0.010	06/12/2023	12:31
6	PB153312BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	06/12/2023	12:32
7	PB153312BS	20	1	2.50	100	7.39	1.88	0.000	0.383	0.383	0.497	06/12/2023	12:33
8	O3103-01		1	2.52	100	7.54	2.04	0.004	0.005	0.001	0.000	06/12/2023	12:34
9	O3103-01DU		1	2.52	100	7.55	2.06	0.004	0.005	0.001	0.000	06/12/2023	12:35
10	O3103-01MS	40	2	2.53	100	7.54	2.02	0.001	0.140	0.139	0.179	06/12/2023	12:36
11	O3103-01MS	1284	40	2.53	100	7.56	2.06	0.000	0.610	0.610	0.792	06/12/2023	12:37
12	O3103-01MS	40	2	2.54	100	7.55	2.04	0.002	0.228	0.226	0.292	06/12/2023	12:38
13	O3109-01		1	2.53	100	7.52	2.10	0.004	0.006	0.002	0.001	06/12/2023	12:39
14	O3114-01		1	2.55	100	7.62	2.28	0.022	0.024	0.002	0.001	06/12/2023	12:40
15	O3117-01		1	2.55	100	7.68	2.14	0.012	0.012	0.000	-0.002	06/12/2023	12:41
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.498	06/12/2023	12:42
17	CCB2		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	06/12/2023	12:43
18	O3117-04		1	2.53	100	7.64	2.06	0.007	0.007	0.000	-0.002	06/12/2023	12:44
19	O3136-01		1	2.54	100	7.52	2.10	0.007	0.258	0.251	0.325	06/12/2023	12:45
20	O3140-01		1	2.55	100	7.62	2.18	0.012	0.012	0.000	-0.002	06/12/2023	12:46
21	O3140-04		1	2.52	100	7.66	2.12	0.011	0.012	0.001	0.000	06/12/2023	12:47
22	CCV3	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.497	06/12/2023	12:48
23	CCB3		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	06/12/2023	12:49