



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127909

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104813
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0019

Slope: 0.7679

Regression: 0.999988

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	7.27	1.78	0.000	0.000	0.000	-0.00		10/20/2023	12:15
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.010	0.010	0.010	0	10/20/2023	12:16
3	CAL3	0.025	1	100	100	7.38	1.86	0.000	0.022	0.022	0.026	4	10/20/2023	12:17
4	CAL4	0.05	1	100	100	7.35	1.88	0.000	0.039	0.039	0.048	-4	10/20/2023	12:18
5	CAL5	0.1	1	100	100	7.38	1.87	0.000	0.081	0.081	0.103	3	10/20/2023	12:19
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.385	0.385	0.498	-0.4	10/20/2023	12:20
7	CAL7	1	1	100	100	7.36	1.87	0.000	0.770	0.770	1.000	0	10/20/2023	12:21



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Run Number: LB127909

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	7.42	1.93	0.000	0.384	0.384	0.498	10/20/2023	12:22
2	ICB		1	100	100	7.28	1.76	0.000	0.001	0.001	-0.001	10/20/2023	12:23
3	CCV1	0.5	1	100	100	7.44	1.94	0.000	0.385	0.385	0.499	10/20/2023	12:24
4	CCB1		1	100	100	7.25	1.78	0.000	0.001	0.001	-0.001	10/20/2023	12:25
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.010	0.010	0.011	10/20/2023	12:26
6	PB156471BL		1	2.50	100	7.26	1.78	0.000	0.001	0.001	-0.001	10/20/2023	12:27
7	PB156471BS	20	1	2.50	100	7.42	1.92	0.000	0.386	0.386	0.500	10/20/2023	12:28
8	O4879-01		1	2.54	100	7.52	2.08	0.000	0.006	0.006	0.005	10/20/2023	12:29
9	O4879-01DU		1	2.54	100	7.52	2.10	0.000	0.006	0.006	0.005	10/20/2023	12:30
10	O4879-01MS	40	2	2.53	100	7.54	2.08	0.000	0.359	0.359	0.465	10/20/2023	12:31
11	O4879-01MS	1284	40	2.52	100	7.52	2.12	0.000	0.578	0.578	0.750	10/20/2023	12:32
12	O4879-01MS	40	2	2.53	100	7.56	2.10	0.000	0.389	0.389	0.504	10/20/2023	12:33
13	O4879-03		1	2.54	100	7.54	2.10	0.000	0.006	0.006	0.005	10/20/2023	12:34
14	O4879-05		1	2.54	100	7.60	2.06	0.000	0.000	0.000	-0.002	10/20/2023	12:35
15	O4935-01		1	2.52	100	7.62	2.14	0.012	0.012	0.000	-0.002	10/20/2023	12:36
16	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.384	0.384	0.498	10/20/2023	12:37
17	CCB2		1	100	100	7.27	1.76	0.000	0.001	0.001	-0.001	10/20/2023	12:38
18	O4945-01		1	2.54	100	7.52	2.06	0.012	0.012	0.000	-0.002	10/20/2023	12:39
19	O4960-01		1	2.53	100	7.62	2.06	0.007	0.007	0.000	-0.002	10/20/2023	12:40
20	O4974-01		1	2.51	100	7.64	2.10	0.007	0.009	0.002	0.000	10/20/2023	12:41
21	O4981-01		1	2.53	100	7.60	2.10	0.007	0.008	0.001	-0.001	10/20/2023	12:42
22	CCV3	0.5	1	100	100	7.43	1.94	0.000	0.383	0.383	0.496	10/20/2023	12:43
23	CCB3		1	100	100	7.28	1.78	0.000	0.001	0.001	-0.001	10/20/2023	12:44