

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131355

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108474
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP106152

Intercept: 0.001

Slope: 0.7669

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	7.27	1.80	0.000	0.000	0.000	-0.00		06/21/2024	16:20
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.008	0.008	0.009	-10	06/21/2024	16:21
3	CAL3	0.025	1	100	100	7.39	1.89	0.000	0.021	0.021	0.026	4	06/21/2024	16:22
4	CAL4	0.05	1	100	100	7.36	1.86	0.000	0.040	0.040	0.050	0	06/21/2024	16:23
5	CAL5	0.1	1	100	100	7.37	1.90	0.000	0.078	0.078	0.100	0	06/21/2024	16:24
6	CAL6	0.5	1	100	100	7.35	1.88	0.000	0.384	0.384	0.499	-0.2	06/21/2024	16:25
7	CAL7	1	1	100	100	7.39	1.85	0.000	0.768	0.768	1.000	0	06/21/2024	16:26



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Run Number: LB131355

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	1.94	0.000	0.386	0.386	0.502	06/21/2024	16:27
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	06/21/2024	16:28
3	CCV1	0.5	1	100	100	7.45	1.96	0.000	0.383	0.383	0.498	06/21/2024	16:29
4	CCB1		1	100	100	7.26	1.77	0.000	0.000	0.000	-0.001	06/21/2024	16:30
5	RL Check	0.01	1	100	100	7.40	1.92	0.000	0.009	0.009	0.010	06/21/2024	16:31
6	PB161567BL		1	2.50	100	7.25	1.79	0.000	0.000	0.000	-0.001	06/21/2024	16:32
7	PB161567BS	20	1	2.50	100	7.43	1.94	0.000	0.383	0.383	0.498	06/21/2024	16:33
8	P2930-01		1	2.51	100	7.62	2.08	0.020	0.020	0.000	-0.001	06/21/2024	16:34
9	P2955-01		1	2.54	100	7.52	2.14	0.012	0.013	0.001	0.000	06/21/2024	16:35
10	P2955-05		1	2.53	100	7.66	2.06	0.034	0.035	0.001	0.000	06/21/2024	16:36
11	P2976-01		1	2.52	100	7.54	2.10	0.004	0.010	0.006	0.007	06/21/2024	16:37
12	P2976-01DU		1	2.52	100	7.58	2.08	0.004	0.010	0.006	0.007	06/21/2024	16:38
13	P2976-01MS	40	2	2.53	100	7.54	2.14	0.000	0.343	0.343	0.446	06/21/2024	16:39
14	P2976-01MS	1284	40	2.51	100	7.58	2.08	0.000	0.626	0.626	0.815	06/21/2024	16:40
15	P2976-01MS	40	2	2.53	100	7.54	2.10	0.000	0.386	0.386	0.502	06/21/2024	16:41
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.499	06/21/2024	16:42
17	CCB2		1	100	100	7.28	1.76	0.000	0.001	0.001	0.000	06/21/2024	16:43
18	P2997-01		1	2.54	100	7.52	2.18	0.007	0.008	0.001	0.000	06/21/2024	16:44
19	P2998-01		1	2.55	100	7.70	2.08	0.006	0.008	0.002	0.001	06/21/2024	16:45
20	P3008-01		1	2.53	100	7.62	2.22	0.036	0.037	0.001	0.000	06/21/2024	16:46
21	P3009-01		1	2.55	100	7.64	2.28	0.037	0.038	0.001	0.000	06/21/2024	16:47
22	CCV3	0.5	1	100	100	7.44	1.95	0.000	0.386	0.386	0.502	06/21/2024	16:48
23	CCB3		1	100	100	7.29	1.75	0.000	0.001	0.001	0.000	06/21/2024	16:49