

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131219

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108433
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0015

Slope: 0.7646

Regression: 0.99999

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	1.80	0.000	0.000	0.000	-0.00		06/13/2024	11:25
2	CAL2	0.01	1	100	100	7.44	1.88	0.000	0.009	0.009	0.009	-10	06/13/2024	11:26
3	CAL3	0.025	1	100	100	7.48	1.90	0.000	0.021	0.021	0.025	0	06/13/2024	11:27
4	CAL4	0.05	1	100	100	7.42	1.89	0.000	0.039	0.039	0.049	-2	06/13/2024	11:28
5	CAL5	0.1	1	100	100	7.48	1.91	0.000	0.079	0.079	0.101	1	06/13/2024	11:29
6	CAL6	0.5	1	100	100	7.43	1.96	0.000	0.386	0.386	0.502	0.4	06/13/2024	11:30
7	CAL7	1	1	100	100	7.40	1.98	0.000	0.765	0.765	0.998	-0.2	06/13/2024	11:31



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Run Number: LB131219

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	7.52	2.08	0.000	0.384	0.384	0.500	06/13/2024	11:32
2	ICB		1	100	100	7.38	1.90	0.000	0.001	0.001	-0.001	06/13/2024	11:33
3	CCV1	0.5	1	100	100	7.52	2.02	0.000	0.383	0.383	0.499	06/13/2024	11:34
4	CCB1		1	100	100	7.30	1.86	0.000	0.000	0.000	-0.002	06/13/2024	11:35
5	RL Check	0.01	1	100	100	7.42	1.94	0.000	0.009	0.009	0.010	06/13/2024	11:36
6	PB161432BL		1	2.50	100	7.28	1.82	0.000	0.001	0.001	-0.001	06/13/2024	11:37
7	PB161432BS	20	1	2.50	100	7.56	2.04	0.000	0.385	0.385	0.502	06/13/2024	11:38
8	P2812-01		1	2.52	100	7.62	2.16	0.006	0.007	0.001	-0.001	06/13/2024	11:39
9	P2812-01DU		1	2.52	100	7.60	2.14	0.006	0.006	0.000	-0.002	06/13/2024	11:40
10	P2812-01MS	40	2	2.53	100	7.66	2.20	0.003	0.320	0.317	0.413	06/13/2024	11:41
11	P2812-01MS	1284	40	2.53	100	7.64	2.18	0.000	0.594	0.594	0.775	06/13/2024	11:42
12	P2812-01MS	40	2	2.52	100	7.66	2.22	0.000	0.362	0.362	0.471	06/13/2024	11:43
13	P2864-01		1	2.54	100	7.70	2.28	0.006	0.008	0.002	0.001	06/13/2024	11:44
14	P2864-05		1	2.51	100	7.62	2.18	0.027	0.037	0.010	0.011	06/13/2024	11:45
15	CCV2	0.5	1	100	100	7.48	2.00	0.000	0.384	0.384	0.500	06/13/2024	11:46
16	CCB2		1	100	100	7.36	1.84	0.000	0.000	0.000	-0.002	06/13/2024	11:47