

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131718

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108804
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0012

Slope: 0.7654

Regression: 0.999996

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	7.25	1.80	0.000	0.000	0.000	-0.00		07/23/2024	11:00
2	CAL2	0.01	1	100	100	7.36	1.89	0.000	0.009	0.009	0.010	0	07/23/2024	11:01
3	CAL3	0.025	1	100	100	7.38	1.90	0.000	0.021	0.021	0.025	0	07/23/2024	11:02
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.039	0.039	0.049	-2	07/23/2024	11:03
5	CAL5	0.1	1	100	100	7.39	1.90	0.000	0.078	0.078	0.100	0	07/23/2024	11:04
6	CAL6	0.5	1	100	100	7.40	1.88	0.000	0.385	0.385	0.501	0.2	07/23/2024	11:05
7	CAL7	1	1	100	100	7.36	1.86	0.000	0.766	0.766	0.999	-0.1	07/23/2024	11:06



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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	1.93	0.000	0.386	0.386	0.503	07/23/2024	11:07
2	ICB		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	07/23/2024	11:08
3	CCV1	0.5	1	100	100	7.45	1.92	0.000	0.383	0.383	0.499	07/23/2024	11:09
4	CCB1		1	100	100	7.28	1.79	0.000	0.000	0.000	-0.002	07/23/2024	11:10
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.010	0.010	0.011	07/23/2024	11:11
6	PB162195BL		1	2.50	100	7.24	1.78	0.000	0.001	0.001	0.000	07/23/2024	11:12
7	PB162195BS	20	1	2.50	100	7.41	1.92	0.000	0.385	0.385	0.501	07/23/2024	11:13
8	P3302-01		1	2.53	100	7.54	2.10	0.010	0.010	0.000	-0.002	07/23/2024	11:14
9	P3302-01DU		1	2.54	100	7.58	2.14	0.010	0.010	0.000	-0.002	07/23/2024	11:15
10	P3302-01MS	40	2	2.53	100	7.52	2.16	0.005	0.308	0.303	0.394	07/23/2024	11:16
11	P3302-01MS	1284	40	2.54	100	7.52	2.10	0.000	0.575	0.575	0.750	07/23/2024	11:17
12	P3302-01MS	40	2	2.53	100	7.58	2.10	0.006	0.366	0.360	0.469	07/23/2024	11:18
13	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.384	0.384	0.500	07/23/2024	11:19
14	CCB2		1	100	100	7.25	1.76	0.000	0.000	0.000	-0.002	07/23/2024	11:20