

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132996

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110246
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0016

Slope: 0.7638

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	7.30	1.77	0.000	0.000	0.000	-0.00		10/18/2024	10:45
2	CAL2	0.01	1	100	100	7.40	1.92	0.000	0.009	0.009	0.009	-10	10/18/2024	10:46
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.025	0	10/18/2024	10:47
4	CAL4	0.05	1	100	100	7.39	1.85	0.000	0.040	0.040	0.050	0	10/18/2024	10:48
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.079	0.079	0.101	1	10/18/2024	10:49
6	CAL6	0.5	1	100	100	7.38	1.89	0.000	0.384	0.384	0.500	0	10/18/2024	10:50
7	CAL7	1	1	100	100	7.40	1.90	0.000	0.765	0.765	0.999	-0.1	10/18/2024	10:51



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Run Number: LB132996

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	7.34	1.94	0.000	0.386	0.386	0.503	10/18/2024	10:52
2	ICB		1	100	100	7.27	1.81	0.000	0.000	0.000	-0.002	10/18/2024	10:53
3	CCV1	0.5	1	100	100	7.45	1.96	0.000	0.383	0.383	0.499	10/18/2024	10:54
4	CCB1		1	100	100	7.29	1.79	0.000	0.001	0.001	-0.001	10/18/2024	10:55
5	RL Check	0.01	1	100	100	7.42	1.92	0.000	0.010	0.010	0.011	10/18/2024	10:56
6	PB164198BL		1	2.50	100	7.31	1.80	0.000	0.000	0.000	-0.002	10/18/2024	10:57
7	PB164198BS	20	1	2.50	100	7.42	1.94	0.000	0.384	0.384	0.501	10/18/2024	10:58
8	P4419-01		1	2.54	100	7.52	2.10	0.020	0.020	0.000	-0.002	10/18/2024	10:59
9	P4421-01		1	2.51	100	7.60	2.18	0.006	0.007	0.001	-0.001	10/18/2024	11:00
10	P4422-01		1	2.52	100	7.59	2.20	0.008	0.008	0.000	-0.002	10/18/2024	11:01
11	P4425-01		1	2.51	100	7.56	2.18	0.003	0.004	0.001	-0.001	10/18/2024	11:02
12	P4425-01DU		1	2.52	100	7.60	2.14	0.003	0.003	0.000	-0.002	10/18/2024	11:03
13	P4425-01MS	40	2	2.51	100	7.64	2.18	0.000	0.347	0.347	0.452	10/18/2024	11:04
14	P4425-01MS	1284	40	2.51	100	7.60	2.18	0.000	0.634	0.634	0.828	10/18/2024	11:05
15	P4425-01MS	40	2	2.52	100	7.60	2.20	0.000	0.385	0.385	0.502	10/18/2024	11:06
16	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.499	10/18/2024	11:07
17	CCB2		1	100	100	7.26	1.77	0.000	0.000	0.000	-0.002	10/18/2024	11:08
18	P4425-03		1	2.51	100	7.54	2.26	0.006	0.008	0.002	0.001	10/18/2024	11:09
19	P4425-05		1	2.54	100	7.52	2.10	0.006	0.008	0.002	0.001	10/18/2024	11:10
20	P4425-07		1	2.54	100	7.60	2.16	0.012	0.013	0.001	-0.001	10/18/2024	11:11
21	P4425-09		1	2.52	100	7.60	2.20	0.004	0.006	0.002	0.001	10/18/2024	11:12
22	CCV3	0.5	1	100	100	7.44	1.96	0.000	0.385	0.385	0.502	10/18/2024	11:13
23	CCB3		1	100	100	7.28	1.80	0.000	0.0001	0.000	-0.002	10/18/2024	11:14