

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132445

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109629
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0011

Slope: 0.7664

Regression: 0.999995

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	1.78	0.000	0.000	0.000	-0.00		09/13/2024	16:50
2	CAL2	0.01	1	100	100	7.39	1.85	0.000	0.009	0.009	0.010	0	09/13/2024	16:51
3	CAL3	0.025	1	100	100	7.36	1.89	0.000	0.021	0.021	0.025	0	09/13/2024	16:52
4	CAL4	0.05	1	100	100	7.40	1.88	0.000	0.039	0.039	0.049	-2	09/13/2024	16:53
5	CAL5	0.1	1	100	100	7.36	1.90	0.000	0.079	0.079	0.101	1	09/13/2024	16:54
6	CAL6	0.5	1	100	100	7.41	1.91	0.000	0.383	0.383	0.498	-0.4	09/13/2024	16:55
7	CAL7	1	1	100	100	7.39	1.84	0.000	0.768	0.768	1.000	0	09/13/2024	16:56



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Run Number: LB132445

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	7.44	1.92	0.000	0.386	0.386	0.502	09/13/2024	16:57
2	ICB		1	100	100	7.27	1.75	0.000	0.001	0.001	0.000	09/13/2024	16:58
3	CCV1	0.5	1	100	100	7.43	1.96	0.000	0.384	0.384	0.500	09/13/2024	16:59
4	CCB1		1	100	100	7.25	1.81	0.000	0.001	0.001	0.000	09/13/2024	17:00
5	RL Check	0.01	1	100	100	7.42	1.91	0.000	0.010	0.010	0.012	09/13/2024	17:01
6	PB163362BL		1	2.50	100	7.24	1.74	0.000	0.001	0.001	0.000	09/13/2024	17:02
7	PB163362BS	20	1	2.50	100	7.44	1.91	0.000	0.383	0.383	0.498	09/13/2024	17:03
8	P3947-01		1	2.55	100	7.52	2.08	0.007	0.007	0.000	-0.001	09/13/2024	17:04
9	P3947-01DU		1	2.54	100	7.58	2.14	0.006	0.007	0.001	0.000	09/13/2024	17:05
10	P3947-01MS	40	2	2.55	100	7.52	2.08	0.000	0.298	0.298	0.387	09/13/2024	17:06
11	P3947-01MS	1284	40	2.53	100	7.54	2.10	0.000	0.618	0.618	0.805	09/13/2024	17:07
12	P3947-01MS	40	2	2.54	100	7.58	2.06	0.000	0.359	0.359	0.467	09/13/2024	17:08
13	P3976-01		1	2.51	100	7.60	2.16	0.016	0.018	0.002	0.001	09/13/2024	17:09
14	P3984-01		1	2.54	100	7.64	2.06	0.020	0.020	0.000	-0.001	09/13/2024	17:10
15	P3984-04		1	2.52	100	7.58	2.20	0.030	0.030	0.000	-0.001	09/13/2024	17:11
16	CCV2	0.5	1	100	100	7.46	1.93	0.000	0.385	0.385	0.501	09/13/2024	17:12
17	CCB2		1	100	100	7.29	1.76	0.000	0.000	0.000	-0.001	09/13/2024	17:13
18	P3984-07		1	2.54	100	7.52	2.06	0.029	0.030	0.001	0.000	09/13/2024	17:14
19	P3989-01		1	2.52	100	7.60	2.10	0.018	0.020	0.002	0.001	09/13/2024	17:15
20	P3989-05		1	2.51	100	7.68	2.24	0.020	0.020	0.000	-0.001	09/13/2024	17:16
21	CCV3	0.5	1	100	100	7.44	1.95	0.000	0.386	0.386	0.502	09/13/2024	17:17
22	CCB3		1	100	100	7.27	1.74	0.000	0.001	0.001	0.000	09/13/2024	17:18