

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134045

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111113
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0015

Slope: 0.7671

Regression: 0.999998

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	7.32	1.77	0.000	0.001	0.001	-0.00		12/20/2024	13:40
2	CAL2	0.01	1	100	100	7.36	1.90	0.000	0.009	0.009	0.009	-10	12/20/2024	13:41
3	CAL3	0.025	1	100	100	7.41	1.87	0.000	0.021	0.021	0.025	0	12/20/2024	13:42
4	CAL4	0.05	1	100	100	7.39	1.87	0.000	0.040	0.040	0.050	0	12/20/2024	13:43
5	CAL5	0.1	1	100	100	7.39	1.85	0.000	0.079	0.079	0.101	1	12/20/2024	13:44
6	CAL6	0.5	1	100	100	7.40	1.89	0.000	0.384	0.384	0.498	-0.4	12/20/2024	13:45
7	CAL7	1	1	100	100	7.35	1.86	0.000	0.769	0.769	1.000	0	12/20/2024	13:46

Analytical Summary Report

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Run Number: LB134045

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	7.45	1.92	0.000	0.383	0.383	0.497	12/20/2024	13:47
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	-0.001	12/20/2024	13:48
3	CCV1	0.5	1	100	100	7.43	1.96	0.000	0.386	0.386	0.501	12/20/2024	13:49
4	CCB1		1	100	100	7.30	1.78	0.000	0.000	0.000	-0.002	12/20/2024	13:50
5	RL Check	0.01	1	100	100	7.42	1.91	0.000	0.010	0.010	0.011	12/20/2024	13:51
6	PB165729BL		1	2.50	100	7.39	1.75	0.000	0.001	0.001	-0.001	12/20/2024	13:52
7	PB165729BS	20	1	2.50	100	7.44	1.94	0.000	0.383	0.383	0.497	12/20/2024	13:53
8	P5299-01		1	2.55	100	7.52	2.06	0.020	0.021	0.001	-0.001	12/20/2024	13:54
9	P5299-02		1	2.57	100	7.60	2.04	0.002	0.002	0.000	-0.002	12/20/2024	13:55
10	P5299-03		1	2.52	100	7.56	2.10	0.004	0.005	0.001	-0.001	12/20/2024	13:56
11	P5299-04		1	2.54	100	7.52	2.10	0.006	0.006	0.000	-0.002	12/20/2024	13:57
12	P5330-01		1	2.55	100	7.60	2.18	0.010	0.011	0.001	-0.001	12/20/2024	13:58
13	P5339-01		1	2.53	100	7.52	2.10	0.010	0.011	0.001	-0.001	12/20/2024	13:59
14	P5339-01DU		1	2.23	100	7.56	2.14	0.010	0.011	0.001	-0.001	12/20/2024	14:00
15	P5339-01MS	40	2	2.54	100	7.56	2.10	0.003	0.300	0.297	0.385	12/20/2024	14:01
16	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.385	0.385	0.500	12/20/2024	14:02
17	CCB2		1	100	100	7.27	1.79	0.000	0.001	0.001	-0.001	12/20/2024	14:03
18	P5339-01MS	1284	40	2.53	100	7.56	2.16	0.000	0.594	0.594	0.772	12/20/2024	14:04
19	P5339-01MS	40	2	2.52	100	7.60	2.16	0.002	0.369	0.367	0.476	12/20/2024	14:05
20	P5355-01		1	2.55	100	7.60	2.10	0.032	0.032	0.000	-0.002	12/20/2024	14:06
21	CCV3	0.5	1	100	100	7.47	1.93	0.000	0.386	0.386	0.501	12/20/2024	14:07
22	CCB3		1	100	100	7.29	1.81	0.000	0.000	0.000	-0.002	12/20/2024	14:08