

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133555

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110722
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0015

Slope: 0.7651

Regression: 0.999992

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	7.28	1.75	0.000	0.000	0.000	-0.00		11/21/2024	13:50
2	CAL2	0.01	1	100	100	7.40	1.87	0.000	0.009	0.009	0.009	-10	11/21/2024	13:51
3	CAL3	0.025	1	100	100	7.35	1.85	0.000	0.021	0.021	0.025	0	11/21/2024	13:52
4	CAL4	0.05	1	100	100	7.37	1.88	0.000	0.040	0.040	0.050	0	11/21/2024	13:53
5	CAL5	0.1	1	100	100	7.35	1.88	0.000	0.080	0.080	0.102	2	11/21/2024	13:54
6	CAL6	0.5	1	100	100	7.38	1.90	0.000	0.383	0.383	0.498	-0.4	11/21/2024	13:55
7	CAL7	1	1	100	100	7.36	1.85	0.000	0.767	0.767	1.000	0	11/21/2024	13:56

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Run Number: LB133555

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	7.43	1.93	0.000	0.385	0.385	0.501	11/21/2024	13:57
2	ICB		1	100	100	7.27	1.75	0.000	0.001	0.001	-0.001	11/21/2024	13:58
3	CCV1	0.5	1	100	100	7.46	1.95	0.000	0.386	0.386	0.503	11/21/2024	13:59
4	CCB1		1	100	100	7.24	1.79	0.000	0.000	0.000	-0.002	11/21/2024	14:00
5	RL Check	0.01	1	100	100	7.40	1.92	0.000	0.010	0.010	0.011	11/21/2024	14:01
6	PB165110BL		1	2.50	100	7.28	1.76	0.000	0.001	0.001	-0.001	11/21/2024	14:02
7	PB165110BS	20	1	2.50	100	7.44	1.93	0.000	0.385	0.385	0.501	11/21/2024	14:03
8	P4495-06		1	2.50	100	7.52	2.04	0.038	0.824	0.786	1.025	11/21/2024	14:04
9	P4910-01		1	2.51	100	7.55	2.14	0.006	0.006	0.000	-0.002	11/21/2024	14:05
10	P4910-01DU		1	2.51	100	7.54	2.18	0.006	0.006	0.000	-0.002	11/21/2024	14:06
11	P4910-01MS	40	2	2.52	100	7.58	2.10	0.000	0.320	0.320	0.416	11/21/2024	14:07
12	P4910-01MS	1284	40	2.51	100	7.54	2.06	0.000	0.617	0.617	0.804	11/21/2024	14:08
13	P4910-01MS	40	2	2.51	100	7.60	2.10	0.000	0.381	0.381	0.496	11/21/2024	14:09
14	P4910-05		1	2.54	100	7.60	2.06	0.004	0.005	0.001	-0.001	11/21/2024	14:10
15	P4916-01		1	2.52	100	7.67	2.10	0.006	0.007	0.001	-0.001	11/21/2024	14:11
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.500	11/21/2024	14:12
17	CCB2		1	100	100	7.27	1.77	0.000	0.001	0.001	-0.001	11/21/2024	14:13
18	P4916-05		1	2.54	100	7.52	2.20	0.008	0.009	0.001	-0.001	11/21/2024	14:14
19	P4916-09		1	2.54	100	7.60	2.28	0.016	0.017	0.001	-0.001	11/21/2024	14:15
20	P4924-01		1	2.53	100	7.56	2.20	0.009	0.010	0.001	-0.001	11/21/2024	14:16
21	P4925-01		1	2.55	100	7.60	2.10	0.007	0.007	0.000	-0.002	11/21/2024	14:17
22	P4925-05		1	2.51	100	7.68	2.18	0.004	0.005	0.001	-0.001	11/21/2024	14:18
23	P4929-01		1	2.54	100	7.62	2.10	0.038	0.038	0.000	-0.002	11/21/2024	14:19
24	P4936-01		1	2.54	100	7.62	2.20	0.005	0.006	0.001	-0.001	11/21/2024	14:20
25	P4938-01		1	2.51	100	7.60	2.14	0.003	0.004	0.001	-0.001	11/21/2024	14:21
26	P4938-05		1	2.53	100	7.56	2.10	0.004	0.004	0.000	-0.002	11/21/2024	14:22
27	CCV3	0.5	1	100	100	7.46	1.94	0.000	0.383	0.383	0.499	11/21/2024	14:23
28	CCB3		1	100	100	7.29	1.77	0.000	0.001	0.001	-0.001	11/21/2024	14:24
29	P4495-06		2	2.50	100	7.35	2.06	0.017	0.344	0.327	0.425	11/21/2024	14:25
30	CCV4	0.5	1	100	100	7.43	1.96	0.000	0.385	0.385	0.501	11/21/2024	14:26
31	CCB4		1	100	100	7.29	1.74	0.000	0.000	0.000	-0.002	11/21/2024	14:27