

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133174

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110382
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0008

Slope: 0.7676

Regression: 0.999993

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	1.78	0.000	0.000	0.000	-0.00		10/28/2024	15:45
2	CAL2	0.01	1	100	100	7.36	1.89	0.000	0.008	0.008	0.009	-10	10/28/2024	15:46
3	CAL3	0.025	1	100	100	7.39	1.90	0.000	0.021	0.021	0.026	4	10/28/2024	15:47
4	CAL4	0.05	1	100	100	7.37	1.86	0.000	0.039	0.039	0.049	-2	10/28/2024	15:48
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.079	0.079	0.101	1	10/28/2024	15:49
6	CAL6	0.5	1	100	100	7.38	1.88	0.000	0.383	0.383	0.497	-0.6	10/28/2024	15:50
7	CAL7	1	1	100	100	7.36	1.85	0.000	0.769	0.769	1.000	0	10/28/2024	15:51

Analytical Summary Report

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Run Number: LB133174

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	1.91	0.000	0.386	0.386	0.502	10/28/2024	15:52
2	ICB		1	100	100	7.28	1.74	0.0000	0.001	0.001	0.000	10/28/2024	15:53
3	CCV1	0.5	1	100	100	7.40	1.92	0.000	0.384	0.384	0.499	10/28/2024	15:54
4	CCB1		1	100	100	7.24	1.79	0.000	0.000	0.000	-0.001	10/28/2024	15:55
5	RL Check	0.01	1	100	100	7.40	1.90	0.0000	0.009	0.009	0.011	10/28/2024	15:56
6	PB164406BL		1	2.50	100	7.25	1.76	0.000	0.001	0.001	0.000	10/28/2024	15:57
7	PB164406BS	20	1	2.50	100	7.44	1.93	0.000	0.383	0.383	0.498	10/28/2024	15:58
8	P4545-01		1	2.53	100	7.60	2.06	0.006	0.007	0.001	0.000	10/28/2024	15:59
9	P4547-01		1	2.51	100	7.52	2.14	0.003	0.004	0.001	0.000	10/28/2024	16:00
10	P4547-01DU		1	2.52	100	7.60	2.10	0.003	0.004	0.001	0.000	10/28/2024	16:01
11	P4547-01MS	40	2	2.51	100	7.58	2.16	0.000	0.352	0.352	0.458	10/28/2024	16:02
12	P4547-01MS	1284	40	2.52	100	7.60	2.10	0.000	0.612	0.612	0.796	10/28/2024	16:03
13	P4547-01MS	40	2	2.51	100	7.60	2.14	0.000	0.382	0.382	0.497	10/28/2024	16:04
14	P4547-05		1	2.54	100	7.66	2.10	0.002	0.002	0.000	-0.001	10/28/2024	16:05
15	P4561-01		1	2.52	100	7.67	2.06	0.004	0.005	0.001	0.000	10/28/2024	16:06
16	CCV2	0.5	1	100	100	7.46	1.94	0.000	0.385	0.385	0.501	10/28/2024	16:07
17	CCB2		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	10/28/2024	16:08
18	P4561-05		1	2.54	100	7.55	2.10	0.003	0.004	0.001	0.000	10/28/2024	16:09
19	P4567-01		1	2.52	100	7.58	2.06	0.004	0.004	0.000	-0.001	10/28/2024	16:10
20	P4567-05		1	2.51	100	7.52	2.06	0.006	0.011	0.005	0.005	10/28/2024	16:11
21	P4567-09		1	2.54	100	7.60	2.10	0.002	0.003	0.001	0.000	10/28/2024	16:12
22	P4574-01		1	2.54	100	7.68	2.14	0.006	0.006	0.000	-0.001	10/28/2024	16:13
23	P4574-04		1	2.56	100	7.60	2.04	0.008	0.009	0.001	0.000	10/28/2024	16:14
24	P4575-01		1	2.53	100	7.54	2.10	0.004	0.004	0.000	-0.001	10/28/2024	16:15
25	P4577-01		1	2.56	100	7.55	2.18	0.006	0.007	0.001	0.000	10/28/2024	16:16
26	P4578-03		1	2.51	100	7.52	2.20	0.020	0.020	0.000	-0.001	10/28/2024	16:17
27	P4578-04		1	2.53	100	7.60	2.10	0.010	0.010	0.000	-0.001	10/28/2024	16:18
28	CCV3	0.5	1	100	100	7.42	1.96	0.000	0.385	0.385	0.501	10/28/2024	16:19
29	CCB3		1	100	100	7.29	1.79	0.000	0.000	0.000	-0.001	10/28/2024	16:20
30	P4578-05		1	2.52	100	7.62	2.28	0.002	0.003	0.001	0.000	10/28/2024	16:21
31	P4578-07		1	2.54	100	7.64	2.18	0.002	0.002	0.000	-0.001	10/28/2024	16:22
32	CCV4	0.5	1	100	100	7.42	1.92	0.000	0.383	0.383	0.498	10/28/2024	16:23
33	CCB4		1	100	100	7.31	1.77	0.000	0.001	0.001	0.000	10/28/2024	16:24